

Welcome to Zowe CLI!

Zowe CLI is a command line interface (CLI) that provides a simple and streamlined way to interact with IBM z/OS.

For additional Zowe CLI documentation, visit <https://docs.zowe.org>

For Zowe CLI support, visit <https://www.zowe.org>

Global Options

- `--response-format-json` | `--rfj` (*boolean*)
 - Produce JSON formatted data from a command
- `--help` | `-h` (*boolean*)
 - Display help text
- `--help-examples` (*boolean*)
 - Not available for top tier Zowe group
- `--help-web` | `--hw` (*boolean*)
 - Display HTML help in browser

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[zowe](#) › auth

Connect to Zowe API Mediation Layer authentication service and obtain a token, or disconnect from the authentication service and revoke the token.

The token provides authentication to services that support the API ML SSO (Single Sign-On) capability. When you log in, the token is stored in your default base profile until it expires. Base profiles store connection information shared by multiple services (e.g., z/OSMF), and are used if you do not supply connection information in a service profile. To take advantage of the API ML SSO capability, you should omit username and password in service profiles so that the token in the base profile is used.

[zowe](#) › auth › login

Log in to an authentication service.

[zowe](#) › auth › login › apiml

Log in to Zowe API Mediation Layer authentication service and obtain or update a token.

The token provides authentication to services that support the API ML SSO (Single Sign-On) capability. When you log in, the token is stored in your default base profile until it expires. Base profiles store connection information shared by multiple services (e.g., z/OSMF), and are used if you do not supply connection information in a service profile. To take advantage of the API ML SSO capability, you should omit username and password in service profiles so that the token in the base profile is used.

Usage

```
zowe auth login apiml [options]
```

Options

- `--show-token | --st (boolean)`
 - Show the token when login is successful. If specified, does not save the token to a profile.

Base Connection Options

- `--host | -H (string)`

- Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

Profile Options

- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Examples

- Log in to an API ML instance to obtain or update the token stored in your base profile:
 - `zowe auth login apiml`
- Log in to an API ML instance to obtain a token without storing it in a profile:
 - `zowe auth login apiml --show-token`

[zowe](#) > [auth](#) > [logout](#)

Log out of an authentication service.

[zowe](#) > [auth](#) > [logout](#) > [apiml](#)

Log out of the Zowe API Mediation Layer authentication service and revoke the token so it can no longer authenticate. Also remove the token from the default base profile, if it is stored on disk.

Usage

`zowe auth logout apiml [options]`

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

Allowed values: apimlAuthenticationToken, jwtToken, LtpaToken2

- `--token-value | --tv (string)`
 - The value of the token to pass to the API.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

Profile Options

- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Examples

- Log out of an API ML instance to revoke the token that was in use and remove it from your base profile:
 - `zowe auth logout apiml`
- Log out of an API ML instance to revoke a token that was not stored in a profile:
 - `zowe auth logout apiml --token-value <token>`

[zowe](#) > [ca7](#)

Welcome to the CA 7 Zowe CLI!

[zowe](#) > [ca7](#) > [cancel](#)

For CPU jobs, the CANCEL command only removes the job from the queues. For XPJOB jobs, the CANCEL command removes the job from the queues. For agent definition jobs (AGJOBS), the CANCEL command sends a request to the agent and removes the job from the queues.

[zowe](#) > [ca7](#) > [cancel](#) > [jobnumber](#)

Indicates the individual job to cancel, and the value must be a CA 7 job number.

Usage

```
zowe ca7 cancel jobnumber <jobnumber> [options]
```

Positional Arguments

- `jobnumber` (*string*)
 - `jonumber=0016`

Defines the unique CA 7 job number (leading zeros are not required) for the job to cancel.
Limits: 1 to 4 numeric characters

Options

- `--force` (*string*)
 - Specifies to force the cancellation of the job. Use of this option can potentially cause CA WA CA 7 Edition to abend; therefore, only use it as a last resort.
- `--reason` (*string*)
 - Defines the reason for the job cancellation.

Limits: 1 to 40 alphanumeric characters Required: No (depending on initialization options)

CA7 Connection Options

- `--host | -H (string)`
 - Host name of the CA7 API service that is running on the mainframe system.
- Default value: localhost
- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
- Default value: 8080
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value: MASTER
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value:
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Cancel job number 0016:

- `zowe ca7 cancel jobnumber 0016`

[zowe](#) › [ca7](#) › [demand](#)

Demand a single job to CA 7.

[zowe](#) › [ca7](#) › [demand](#) › [job](#)

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number. JOB and JOBL are mutually exclusive.

Usage

`zowe ca7 demand job <job> [options]`

Positional Arguments

- `job` (*string*)
 - job=PAYROLL

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number. 1-8 alphanumeric (mutually exclusive w/ jobl

Options

- `--arfset | --as (string)`

- `arfset={arfsetname|**NONE**}`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc (string)`

- `cc=nnn`

Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0. Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass | --wc (string)`

- `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--count (string)`

- `count=nnnn`

Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

Default: None. The job continues repeating until the STOP time is reached. Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date (string)`

- date={+nn|yyddd}
 - Defines due-out and submit dates. Limits: If used, specify DOTM or TIME. +nn
 - Defines the number of days after the current date. Limits: 1 to 2 numeric characters from 1 to 99 yyddd
 - Defines the Julian date to run the job.
- --depjob | -dj (string)
 - depjob=jobname2
 - Defines a single predecessor job that must complete while the demanded job is waiting. Limits: 1 to 8 alphanumeric characters
- --dotm (string)
 - dotm=hhmm
 - Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.
 - If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.
 - Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59
 - Required: No (unless DATE is used, if so, DOTM or TIME must be specified)
- --exec | -e (string)
 - exec={NO|YES}
 - Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.
 - Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.
- --interval | -i (string)
 - interval=hhmm

Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--jclid | --ji (string)`

- `jclid=nnn`

- Defines the JCL data set that contains the execution JCL to be submitted.

- If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

- Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib | --jl (string)`

- `jcllib=&x...x`

- Defines the JCL data set that contains the execution JCL to be submitted.

- If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

- Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late (string)`

- `late={NO|YES}`

- Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm | --lt (string)`

- `leadtm={0100|hhmm}`

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

- `--mainid | --mi` (*string*)

- `mainid={ALL|SYn|/SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

`ALL` Specifies all CPUs are acceptable for executing the job.

`SYn n` defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

`/SYn n` defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

`-SYn n` defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--prty` (*string*)

- `prty=nnn` Defines the initial workload balancing priority

Limits: 1-3 numeric (1-255).

- `--rms` (*string*)

- `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- `--ro` (*string*)

- o ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

EQ Equal to

LT Less than

GT Greater than

GE Greater than or equal to

LE Less than or equal to

NE Not equal to

#S Step condition code tests to be made based on a #SCC statement.

IG No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid | --si (string)`

- o `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set (string)`

- o `set={NDB|NTR|SKP}`

Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

SKP Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job

has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

NTR Specifies normal triggering is disabled only for this run of the job.

NDB Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop` (*string*)

- `stop=hhmm`

Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

Default: 1439 minutes (24 hours minus 1 minute) after the submit time Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--time` (*string*)

- `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)

- `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` (*string*)

- Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost

- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`

- Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Demand job, PAYROLL to CA 7:

- `zowe ca7 demand job PAYROLL`

zowe > ca7 > demand > jobl

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

```
zowe ca7 demand jobl <jobl> [options]
```

Positional Arguments

- `jobl` (*string*)
 - `jobl=payrollSW123`
Defines the long name of the job being demanded. The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` (*string*)
 - `arfset={arfsetname|**NONE**}`
Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.
Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` (*string*)
 - `cc=nnn`

Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0. Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.
- `--wlbclass` | `--wc` (*string*)
 - `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character
- `--count` (*string*)
 - `count=nnnn`

Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

Default: None. The job continues repeating until the STOP time is reached. Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.
- `--date` (*string*)
 - `date={+nn|yyddd}`

Defines due-out and submit dates. Limits: If used, specify DOTM or TIME. +nn
Defines the number of days after the current date. Limits: 1 to 2 numeric characters from 1 to 99
yyddd
Defines the Julian date to run the job.
- `--depjob` | `--dj` (*string*)
 - `depjob=jobname2`

Defines a single predecessor job that must complete while the demanded job is waiting.

Limits: 1 to 8 alphanumeric characters

- `--dotm` (*string*)

- `dotm=hhmm`

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` (*string*)

- `exec={NO|YES}`

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval` | `-i` (*string*)

- `interval=hhmm`

Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--jclid` | `--ji` (*string*)

- `jclid=nnn`
 - Defines the JCL data set that contains the execution JCL to be submitted.
 - If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
 - Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.
- `--jcllib | --jl (string)`
 - `jcllib=&x...x`
 - Defines the JCL data set that contains the execution JCL to be submitted.
 - If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
 - Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)
- `--late (string)`
 - `late={NO|YES}`
 - Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE.
 - The value that is specified here overrides the value that is coded on the job definition PROMPTS field.
- `--leadtm | --lt (string)`
 - `leadtm={0100|hhmm}`
 - Defines the amount of elapsed time that is required to process the job. Default: 1 hour
 - Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59
- `--mainid | --mi (string)`
 - `mainid={ALL|SYn|SYn-SYn}`
 - Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.
 - ALL Specifies all CPUs are acceptable for executing the job.

SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- **--prty** (string)

- prty=nnn Defines the initial workload balancing priority

Limits: 1-3 numeric (1-255).

- **--rms** (string)

- rms={NO|YES}

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- **--ro** (string)

- ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

EQ Equal to

LT Less than

GT Greater than

GE Greater than or equal to

LE Less than or equal to

NE Not equal to

#S Step condition code tests to be made based on a #SCC statement.

IG No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid | --si (string)`

- `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set (string)`

- `set={NDB|NTR|SKP}`

Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

SKP Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

NTR Specifies normal triggering is disabled only for this run of the job.

NDB Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop (string)`

- `stop=hhmm`

Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

Default: 1439 minutes (24 hours minus 1 minute) after the submit time
Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--time` (*string*)

- `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)

- `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` (*string*)

- Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost

- `--port` | `-P` (*number*)

- Port for the CA7 API service that is running on the mainframe system.

Default value: 8080

- `--user` | `-u` (*string*)

- User name for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value: MASTER

- `--password` | `--pass` | `--pw` (*string*)

- Password for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value:

- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` (*string*)

- Specifies protocol to use for CA7 connection (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` (*string*)

- The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)

- The value of the token to pass to the API.

Examples

- Demand long job, payrollSW123 to CA 7:

- `zowe ca7 demand jobl payrollSW123`

[zowe](#) › [ca7](#) › [demand](#)

Demand a single job to CA 7 and hold.

[zowe](#) › [ca7](#) › [demand](#) › [job](#)

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

```
zowe ca7 demandh job <job> [options]
```

Positional Arguments

- `job` (*string*)

- `job=PAYROLL`

Defines the name of the job being demanded. The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` (*string*)

- `arfset={arfsetname}**NONE**`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` (*string*)

- `cc=nnn`

Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0. Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass | --wc` (*string*)

- `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--count` (*string*)

- `count=nnnn`

Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

Default: None. The job continues repeating until the STOP time is reached. Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date` (*string*)

- `date={+nn|yyddd}`

Defines due-out and submit dates. Limits: If used, specify DOTM or TIME. +nn

Defines the number of days after the current date. Limits: 1 to 2 numeric characters from 1 to 99 yyddd

Defines the Julian date to run the job.

- `--depjob | -dj` (*string*)

- `depjob=jobname2`

Defines a single predecessor job that must complete while the demanded job is waiting. Limits: 1 to 8 alphanumeric characters

- `--dotm` (*string*)

- `dotm=hhmm`

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec | -e (string)`

- exec={NO|YES}

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval | -i (string)`

- interval=hhmm

Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--jclid | --ji (string)`

- jclid=nnn

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib | --jl (string)`

- `jcllib=&x...x`

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)
- `--late (string)`
 - `late={NO|YES}`

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.
- `--leadtm | --lt (string)`
 - `leadtm={0100|hhmm}`

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59
- `--mainid | --mi (string)`
 - `mainid={ALL|SYn|SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.
ALL Specifies all CPUs are acceptable for executing the job.
SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.
/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.
-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.
Limits: Invalid for internal cross-platform jobs.

- `--prty` (*string*)
 - `prty=nnn` Defines the initial workload balancing priority
Limits: 1-3 numeric (1-255).
- `--rms` (*string*)
 - `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.
- `--ro` (*string*)
 - `ro={EQ|LT|GT|GE|LE|NE|#S|IG|O}`

Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

EQ Equal to

LT Less than

GT Greater than

GE Greater than or equal to

LE Less than or equal to

NE Not equal to

#S Step condition code tests to be made based on a #SCC statement.

IG No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid` | `--si` (*string*)
 - `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.
Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)
If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.
- `--set` (*string*)
 - `set={NDB|NTR|SKP}`

Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.
SKP Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.
NTR Specifies normal triggering is disabled only for this run of the job.
NDB Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.
- `--stop` (*string*)
 - `stop=hhmm`

Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.
Default: 1439 minutes (24 hours minus 1 minute) after the submit time Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59
- `--time` (*string*)
 - `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)
 - type={CLOCK|END|RES|START}

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` (*string*)
 - Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost
- `--port` | `-P` (*number*)
 - Port for the CA7 API service that is running on the mainframe system.

Default value: 8080
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value: MASTER
- `--password` | `--pass` | `--pw` (*string*)
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value:
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you

are not using an API mediation layer.

- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Demand and hold job, PAYROLL to CA 7:
 - `zowe ca7 demandh job PAYROLL`

zowe > ca7 > demandh > jobl

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

```
zowe ca7 demandh jobl <jobl> [options]
```

Positional Arguments

- `jobl (string)`
 - `jobl=payrollSW123`

Defines the long name of the job being demanded. The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset | --as (string)`
 - `arfset={arfsetname|**NONE**}`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.
Limits: 1 to 8 alphanumeric characters or **NONE**
- `--cc (string)`
 - `cc=nnn`

Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.
If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.
Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0. Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.
- `--wlbclass | --wc (string)`
 - `class=x`

Defines the workload balancing class for resource checking.
Limits: 1 alphanumeric character
- `--count (string)`

- count=nnnn

Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

Default: None. The job continues repeating until the STOP time is reached. Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.
- `--date` (*string*)
 - date={+nn|yyddd}

Defines due-out and submit dates. Limits: If used, specify DOTM or TIME. +nn
Defines the number of days after the current date. Limits: 1 to 2 numeric characters from 1 to 99
yyddd
Defines the Julian date to run the job.
- `--depjob` | `--dj` (*string*)
 - depjob=jobname2

Defines a single predecessor job that must complete while the demanded job is waiting.
Limits: 1 to 8 alphanumeric characters
- `--dotm` (*string*)
 - dotm=hhmm

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)
- `--exec` | `-e` (*string*)
 - exec={NO|YES}

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval | -i` (*string*)

- `interval=hhmm`

Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59

- `--jclid | --ji` (*string*)

- `jclid=nnn`

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib | --jl` (*string*)

- `jcllib=&x...x`

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` (*string*)

- late={NO|YES}

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` (*string*)

- leadtm={0100|hhmm}

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` (*string*)

- mainid={ALL|SYn|/SYn|-SYn}

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

ALL Specifies all CPUs are acceptable for executing the job.

SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--prty` (*string*)

- prty=nnn Defines the initial workload balancing priority

Limits: 1-3 numeric (1-255).

- `--rms` (*string*)

- rms={NO|YES}

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- `--ro` (*string*)

- `ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}`

Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

EQ Equal to

LT Less than

GT Greater than

GE Greater than or equal to

LE Less than or equal to

NE Not equal to

#S Step condition code tests to be made based on a #SCC statement.

IG No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid | --si` (*string*)

- `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set (string)`
 - `set={NDB|NTR|SKP}`

Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

SKP Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

NTR Specifies normal triggering is disabled only for this run of the job.

NDB Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.
- `--stop (string)`
 - `stop=hhmm`

Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

Default: 1439 minutes (24 hours minus 1 minute) after the submit time Limits: hh=1 through 2 numeric characters from 0 to 23 mm=2 numeric characters from 00 to 59
- `--time (string)`
 - `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.
- `--type (string)`
 - `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host | -H (string)`
 - Host name of the CA7 API service that is running on the mainframe system.
Default value: localhost
- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`

- The name of a (ca7) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Demand and hold a long job, payrollSW123 to CA 7:
 - `zowe ca7 demandh jobl payrollSW123`

[zowe](#) › [ca7](#) › [jobstatus](#)

Retrieve job status information from CA 7.

[zowe](#) › [ca7](#) › [jobstatus](#) › [jobnumber](#)

Indicates the individual job to retrieve, and the value must be a CA 7 job number.

Usage

`zowe ca7 jobstatus jobnumber <jobnumber> [options]`

Positional Arguments

- `jobnumber` (*string*)
 - `jobnumber=0016`

Defines the name of the job to retrieve. Indicates the individual job to retrieve, and the value must be a CA 7 job number.

Options

- `--jobname` | `--jn` (*string*)
 - The job name must be 1 to 8 alphanumeric characters
- `--database` | `--db` (*string*)
 - The CA 7 database name

CA7 Connection Options

- `--host` | `-H` (*string*)
 - Host name of the CA7 API service that is running on the mainframe system.
Default value: localhost
- `--port` | `-P` (*number*)
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password` | `--pass` | `--pw` (*string*)
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Get the status of jobnumber 0016 from CA 7:

- `zowe ca7 jobstatus jobnumber 0016`

[zowe](#) › [ca7](#) › [release](#)

Release a single job to CA 7.

[zowe](#) › [ca7](#) › [release](#) › [jobnumber](#)

Indicates the individual job to release, and the value must be a CA 7 job number.

Usage

```
zowe ca7 release jobnumber [jobnumber] [options]
```

Positional Arguments

- `jobnumber` (*string*)
 - `jobnumber=0016`

Defines the name of the job number to release. Indicates the individual job to release. JOB is required to release a specific job. Omit JOB when JOBL or Q is specified.

Options

- `--q` (*string*)
 - `Q={REQ|RDY}`

Indicates to release the contents of an entire queue. Omit Q when JOB or JOBL is specified.

REQ Release the contents of the request queue.

RDY Release the contents of the ready queue.

CA7 Connection Options

- `--host` | `-H` (*string*)
 - Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost
- `--port` | `-P` (*number*)
 - Port for the CA7 API service that is running on the mainframe system.

Default value: 8080
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value: MASTER

- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value:
 - `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Release job number, 0016 from CA 7:

- `zowe ca7 release jobnumber 0016`

[zowe](#) › [ca7](#) › [restart](#)

Restart a single job to CA 7.

[zowe](#) › [ca7](#) › [restart](#) › [jobnumber](#)

Indicates the individual job to Restart, and the value must be a CA 7 job number.

Usage

```
zowe ca7 restart jobnumber <jobnumber> [options]
```

Positional Arguments

- `jobnumber` (*string*)

- `jobnumber=0016`

Defines the name of the job to Restart. Indicates the individual job to Restart, and the value must be a CA 7 job number.

Options

- `--bypgdg` | `--bp` (*string*)

- `bypgdg={NO|YES|VER|CAT}`

Indicates whether CA Workload Automation Restart Option for z/OS Schedulers bypasses GDG logic on a restart/rerun. Value can be NO, YES, VER, or CAT.

Default: CA Workload Automation Restart Option for z/OS Schedulers default value

- `--condcd` | `--cc` (*string*)

- `condcd=nnnn`

Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers condition code that the CA Workload Automation Restart Option for z/OS Schedulers step sets when the rerun is executed.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use and CA Workload Automation CA 7® Edition is inserting the RMS step. See the INSERT-RMS field on the DB.1 panel.

Limits: 1 to 4 numeric characters from 0 to 4095

- `--forcecomp | --fc (string)`

- `forcecomp={NO|YES}`

Indicates whether to flag the job as a normal completion. If FORCECOMP=YES, the previous abnormal status of the job is ignored.

Normal job completion processing is performed instead of a restart. Value can be NO or YES. NO is the default.

- `--lcc (string)`

- `lc=nnnn`

Indicates an optional condition code value that replaces the last condition code value for the step that the LSTP references and, optionally, LPSTP keywords.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

Default: 0 Limits: 1 to 4 numeric characters from 0 to 4095

- `--lstp (string)`

- `lstp=stepname`

Indicates an optional step name that has its last condition code value reset in the CA Workload Automation Restart Option for z/OS Schedulers CMT.

Code LSTP and LCC when LPSTP is specified. LSTP requires that an STPSTRT value is specified and that the LSTP step name occurs in the JCL of the job before the STPSTRT step name.

This option is honored only when CA Workload Automation Restart Option for z/OS Schedulers is in use.

Limits: 1 to 8 alphanumeric characters

- `--procstrt | --ps (string)`
 - `procstrt=procname`

Indicates an optional step name referencing a procedure where processing is to start. If PROCESS=R and PROCSTRT are used, also code STPSTRT.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

Limits: 1 to 8 alphanumeric characters
- `--procend | --pn (string)`
 - `procend=procname`

Indicates an optional step name referencing a procedure where processing is to end.

If PROCESS=R and PROCEND are used, code STPEND. This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

Limits: 1 to 8 alphanumeric characters
- `--process | -p (string)`
 - `process=code`

Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers processing function code character to use in the restart/rerun.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use and CA WA CA 7 Edition is inserting the RMS step.

See the INSERT-RMS field on the DB.1 panel. Value can be F, P, S, N, O, or R.

Default: P Limits: 1 alphabetic character
- `--reason | -r (string)`
 - `reason=text`

Specifies a reason for the restart. If the CA Workload Automation Restart Option for z/OS Schedulers Reason-for-Rerun module is available, a code of up to four characters can be input and it is expanded.

Any reason input or expanded is copied to the run log.

This field is optional unless CA Workload Automation Restart Option for z/OS Schedulers requires a reason or REASON=YES was specified in the RESTART statement in the initialization file.

Limits: 1 to 40 alphanumeric characters

- `--stpPEND | --sn (string)`

- `stpPEND=stepname`

Indicates an optional step name or number at which processing is to end. If not specified, the last step of the job is assumed to be the ending step.

Code STPEND when PROCEND is specified. This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

Limits: 1 to 8 alphanumeric characters

- `--stpstrt | --st (string)`

- `stpstrt={stepname|*CMT*|*RERUN*|*RESUBP*}`

Indicates an optional step name or number at which processing is to start. If STPSTRT is not coded, the first step of the job is assigned to be the starting step.

Code STPSTRT when PROCSTRT is specified. This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use. It can be one of

stepname Specifies the step name or number at which processing is to start.

CMT Indicates that the job is to restart with the step values currently on the CMT record.

RERUN Indicates to rerun the total job. If there are no restartable steps, specify RERUN.

RESUBP Indicates that the CMT record of the job is set to production, and then the job is submitted.

- `--sup11stp (string)`

- `sup11stp={NO|YES}`

Indicates whether to suppress the insertion of the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

If the job is resubmitted with SUP11STP=YES, the CA Workload Automation Restart Option for z/OS Schedulers step is not inserted.

Only valid if CA WA CA 7 Edition is inserting the CA Workload Automation Restart Option for z/OS Schedulers step.

See the INSERT-RMS field on the DB.1 panel. Value can be NO or YES. NO is the default.

- `--usage` (*string*)

- usage=code

Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers usage code of the character to use in the restart/rerun.

For the values, see the CA Workload Automation Restart Option for z/OS Schedulers documentation.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use and CA WA CA 7 Edition is inserting the RMS step.

See the INSERT-RMS field on the DB.1 panel. Limits: 1 alphanumeric character

CA7 Connection Options

- `--host` | `-H` (*string*)

- Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost

- `--port` | `-P` (*number*)

- Port for the CA7 API service that is running on the mainframe system.

Default value: 8080

- `--user` | `-u` (*string*)

- User name for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value: MASTER

- `--password | --pass | --pw` (*string*)
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value:
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o` (*string*)
 - Specifies protocol to use for CA7 connection (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p` (*string*)
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Restart jobnumber, 0016 from CA 7:

- `zowe ca7 restart jobnumber 0016`

[zowe](#) › [ca7](#) › [run](#)

Run a single job to CA 7.

[zowe](#) › [ca7](#) › [run](#) › [job](#)

The value must be a job name. If the job has not been defined in the database, this name must also match the member name for the JCL unless the job is defined in the database. This name must also match the member name for the JCL unless the job is defined in the database. See also `JCLID`. `JOB` and `JOBL` are mutually exclusive.

Usage

```
zowe ca7 run job <job> [options]
```

Positional Arguments

- `job` (*string*)
 - `job=PAYROLL`

Defines the long name of the job to run. The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` (*string*)
 - `arfset={arfsetname}**NONE**`

Defines the ARF set name that is used for this run of the job. If you specify `**NONE**`, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or `**NONE**`
- `--wlbclass` | `--wc` (*string*)
 - `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--dotm` (*string*)

- `dotm=hhmm`

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` (*string*)

- `exec={NO|YES}`

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod` | `--ibn` (*string*)

- `inboxnod=MYWEBNOD`The Web Service node where events associated with the job are to be delivered.

Limits: 1 to 8 alphanumeric characters

- `--jclid` | `--ji` (*string*)

- `jclid=nnn`

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib | --jl` (*string*)

- `jcllib=&x...x`

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` (*string*)

- `late={NO|YES}`

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm | --lt` (*string*)

- `leadtm={0100|hhmm}`

Defines the amount of elapsed time that is required to process the job. Default: 1 hour

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

- `--mainid | --mi` (*string*)

- `mainid={ALL|SYn|/SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

ALL Specifies all CPUs are acceptable for executing the job.

SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms` (*string*)

- `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- `--schid` | `--si` (*string*)

- `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` (*string*)

- `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)

- `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host | -H (string)`
 - Host name of the CA7 API service that is running on the mainframe system.
Default value: localhost
- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Run a job, PAYROLL to CA 7:

- `zowe ca7 run job PAYROLL`

[zowe](#) > [ca7](#) > [run](#) > [jobl](#)

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

```
zowe ca7 run jobl <jobl> [options]
```

Positional Arguments

- `jobl (string)`
 - `jobl=payrollSW123`

Defines the long name of the job being demanded. The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset | -as (string)`

- `arfset={arfsetname|**NONE**}`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass | -wc (string)`

- `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--dotm (string)`

- `dotm=hhmm`

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec | -e (string)`

- `exec={NO|YES}`

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod | --ibn` (*string*)
 - inboxnod=MYWEBNODThe Web Service node where events associated with the job are to be delivered.

Limits: 1 to 8 alphanumeric characters
- `--jclid | --ji` (*string*)
 - jclid=nnn

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.
- `--jcllib | --jl` (*string*)
 - jcllib=&x...x

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)
- `--late` (*string*)
 - late={NO|YES}

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.
- `--leadtm | --lt` (*string*)
 - leadtm={0100|hhmm}

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

- `--mainid | --mi (string)`

- `mainid={ALL|SYn|/SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

`ALL` Specifies all CPUs are acceptable for executing the job.

`SYn n` defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

`/SYn n` defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

`-SYn n` defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms (string)`

- `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- `--schid | --si (string)`

- `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` (*string*)

- `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)

- `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` (*string*)

- Host name of the CA7 API service that is running on the mainframe system.

Default value: localhost

- `--port` | `-P` (*number*)

- Port for the CA7 API service that is running on the mainframe system.

Default value: 8080

- `--user` | `-u` (*string*)

- User name for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value: MASTER

- `--password` | `--pass` | `--pw` (*string*)

- Password for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value:

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` | `-o` (*string*)
 - Specifies protocol to use for CA7 connection (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` (*string*)
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Run a long job, payrollSW123 to CA 7:

- `zowe ca7 run job1 payrollSW123`

[zowe](#) > [ca7](#) > [rnh](#)

Run and hold a single job to CA 7.

[zowe](#) > [ca7](#) > [rnh](#) > [job](#)

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

```
zowe ca7 rnh job <job> [options]
```

Positional Arguments

- `job` (*string*)

- `job=PAYROLL`

Defines the name of the job being ran. The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` (*string*)

- `arfset={arfsetname}**NONE**`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass` | `--wc` (*string*)

- `class=x`

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--dotm` (*string*)

- dotm=hhmm

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec | -e (string)`

- exec={NO|YES}

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod | --ibn (string)`

- inboxnod=MYWEBNODThe Web Service node where events associated with the job are to be delivered.

Limits: 1 to 8 alphanumeric characters

- `--jclid | --ji (string)`

- jclid=nnn

Defines the JCL data set that contains the execution JCL to be submitted.

If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib | --jl (string)`

- `jcllib=&x...x`

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)
- `--late (string)`
 - `late={NO|YES}`

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.
- `--leadtm | --lt (string)`
 - `leadtm={0100|hhmm}`

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59
- `--mainid | --mi (string)`
 - `mainid={ALL|SYn|/SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

ALL Specifies all CPUs are acceptable for executing the job.

SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms` (*string*)
 - `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.
- `--schid` | `--si` (*string*)
 - `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.
- `--time` (*string*)
 - `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.
- `--type` (*string*)
 - `type={CLOCK|END|RES|START}`

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host | -H (string)`
 - Host name of the CA7 API service that is running on the mainframe system.
- Default value: localhost
- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
- Default value: 8080
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value: MASTER
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
- Default value:
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Run and hold a job, PAYROLL to CA 7:

- `zowe ca7 runh job PAYROLL`

zowe > ca7 > runh > jobl

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

`zowe ca7 runh jobl <jobl> [options]`

Positional Arguments

- `jobl` (*string*)
 - `jobl=payrollSW123`

Defines the long name of the job being ran. The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset | --as` (*string*)
 - `arfset={arfsetname|**NONE**}`

Defines the ARF set name that is used for this run of the job. If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass | --wc (string)`

- class=x

Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--dotm (string)`

- dotm=hhmm

Defines the due-out time-of-day for the job in hours (hh) and minutes (mm). If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec | -e (string)`

- exec={NO|YES}

Specifies whether to execute the job (YES/NO). If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod | --ibn (string)`

- inboxnod=MYWEBNODThe Web Service node where events associated with the job are to be delivered.

Limits: 1 to 8 alphanumeric characters

- `--jclid | --ji` (*string*)
 - `jclid=nnn`

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.
- `--jcllib | --jl` (*string*)
 - `jcllib=&x...x`

Defines the JCL data set that contains the execution JCL to be submitted.
If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).
Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)
- `--late` (*string*)
 - `late={NO|YES}`

Specifies whether a notification occurs when the job becomes late. Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.
- `--leadtm | --lt` (*string*)
 - `leadtm={0100|hhmm}`

Defines the amount of elapsed time that is required to process the job. Default: 1 hour
Limits: hh= 1 through 2 numeric characters from 0 to 24 mm= 2 numeric characters from 00 to 59
- `--mainid | --mi` (*string*)
 - `mainid={ALL|SYn|SYn|-SYn}`

Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

ALL Specifies all CPUs are acceptable for executing the job.

SYn n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms` (*string*)

- `rms={NO|YES}`

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO. Limits: Invalid for internal cross-platform jobs.

- `--schid | -si` (*string*)

- `schid={1|nnn}`

Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1 Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` (*string*)

- `time={hhmm|+hhmm}`

Defines a submit time-of-day requirement for the job.

Limits: + is optional hh= 1 through 2 numeric characters from 0 to 23 mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` (*string*)
 - type={CLOCK|END|RES|START}

TYPE=RES specifies the job is being scheduled in restart/rerun status. TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` (*string*)
 - Host name of the CA7 API service that is running on the mainframe system.
Default value: localhost
- `--port` | `-P` (*number*)
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password` | `--pass` | `--pw` (*string*)
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` | `-o` (*string*)

- Specifies protocol to use for CA7 connection (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--ca7-profile | --ca7-p (string)`
 - The name of a (ca7) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Run and hold a long job, payrollSW123 to CA 7:

○ `zowe ca7 runh jobl payrollSW123`

[zowe](#) › caspool

Interact with CA Spool™

[zowe](#) › caspool › issue

Issue CA Spool commands.

[zowe](#) › caspool › issue › command

Issue commands to work with CA Spool.

Usage

```
zowe caspool issue command <commandText> [options]
```

Positional Arguments

- `commandText` (*string*)
 - The CA Spool command to issue.

CA SPOOL OPTIONS

- `--account` | `-a` (*string*)
 - z/OS TSO/E accounting information.
- `--spoolhlq` | `--hlq` (*string*)
 - High level qualifier of CA Spool installation.
- `--subsys` | `--sub` (*string*)
 - CA Spool subsystem name.

Default value: ESF

- `--outds` | `--out` (*string*)
 - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for each Zowe CLI user interacting with CA Spool.
- `--clist` | `--cl` (*string*)

- The data set containing ESFZOWE REXX exec.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https
Allowed values: http, https

Profile Options

- `--caspool-profile` | `--caspool-p` (*string*)
 - The name of a (caspool) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue the CA Spool command 'DS' to display the status of the ESF system:

- `zowe caspool issue command "DS"`

[zowe > caview](#)

Access CA View data and perform related tasks.

[zowe > caview > download](#)

Download CA View report data to local folder.

[zowe > caview > download > report](#)

Download report data. Optionally convert text report to PDF.

Usage

```
zowe caview download report <repositoryId> <reportHandle> [fileTarget] [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `reportHandle` (*string*)
 - Report handle.
- `fileTarget` (*string*)
 - Local file path. If the path represents a directory location, the report will be downloaded into that directory using a default file name. If the path does not represent a directory location, the report will be downloaded into the specified path. If the path is not specified, the file will be saved to the current working directory using the default file name. Any missing directories will be created. If the target file already exists, the file will be overwritten.

Options

- `--convert-to-pdf | --to-pdf` (*boolean*)
 - Converts text report to PDF.
- Default value: false

- `--page-orientation` | `--orientation` (*string*)
 - Page orientation for converted PDF.
Default value: PORTRAIT
Allowed values: ^PORTRAIT\$, ^LANDSCAPE\$
- `--font-size` | `--font` (*number*)
 - Font size for converted PDF.
Default value: 12
- `--green-bar` (*boolean*)
 - Include green-bar background in converted PDF.
Default value: false
- `--pages` (*string*)
 - Include the specified page numbers (or page ranges). Separate page numbers (or page ranges) with commas. Separate boundaries of a page range with a dash (-). If you do not specify this option, all the pages of the report are downloaded.
Allowed values: ^(\d+(-\d+)?)(,(\d+(-\d+)?))*\$
- `--content-filter` | `--filter` (*string*)
 - Filter text report content using a permanent filter definition. If the product instance does not support this feature, this option is ignored.

Profile Options

- `--caview-profile` | `--caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)

- Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [export](#)

Export CA View text report file to local folder.

[zowe](#) > [caview](#) > [export](#) > [report](#)

Export text report to spreadsheet using a predefined export rule.

Usage

```
zowe caview export report <repositoryId> <reportHandle> <ruleId> [fileTarget] [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.

- `reportHandle` (*string*)
 - Report handle.
- `ruleId` (*number*)
 - Export rule identifier.
- `fileTarget` (*string*)
 - Local file path. If the path represents a directory location, the report will be exported into that directory using a default file name. If the path does not represent a directory location, the report will be exported into the specified path. If the path is not specified, the file will be saved to the current working directory using the default file name. Any missing directories will be created. If the target file already exists, the file will be overwritten.

Options

- `--pages` (*string*)
 - Include the specified page numbers (or page ranges). Separate page numbers (or page ranges) with commas. Separate boundaries of a page range with a dash (-). If you do not specify this option, all the pages of the report are exported.
Allowed values: $^(\backslash d+(-\backslash d+)?)(,(\backslash d+(-\backslash d+)?))*\$$

Profile Options

- `--caview-profile` | `--caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.

- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [get](#)

Get information from CA View repository.

[zowe](#) › [caview](#) › [get](#) › [user](#)

Get user information from repository.

[zowe](#) › [caview](#) › [get](#) › [user](#) › [settings](#)

Get current user settings from repository.

Usage

```
zowe caview get user settings <repositoryId> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.

Options

- `--output-format | --output (string)`
 - Output format. This option is ignored if '--response-format-json' is specified.
Default value: tabular
Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header | -h (boolean)`
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
Default value: true
- `--output-field | -f (array)`
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
Allowed values:
Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId
Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile | --caview-p (string)`
 - The name of a (caview) profile to load for this command execution.
- `--base-profile | -b (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`

- User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [list](#)

List CA View repository, report, and user information.

[zowe](#) › [caview](#) › [list](#) › [export-rules](#)

List export rules defined for a report. Use the returned 'Identifier' in the 'export report' command to reference that rule.

Usage

```
zowe caview list export-rules <reportId> [options]
```

Positional Arguments

- `reportId` (*string*)
 - Report ID (Name).

Options

- `--output-format` | `--output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.

Default value: tabular

Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$

- `--output-header | --header` (*boolean*)

- Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.

Default value: true

- `--output-field | -f` (*array*)

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values: Identifier,Name,Description,Owner,Public

Default value: Identifier,Name,Description

Profile Options

- `--caview-profile | --caview-p` (*string*)

- The name of a (caview) profile to load for this command execution.

- `--base-profile | --base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)

- Host name of service on the mainframe.

- `--port | -P` (*number*)

- Port number of service on the mainframe.

- `--user | -u` (*string*)

- User name to authenticate to service on the mainframe.

- `--password | --pass | --pw` (*string*)

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [list](#) › [report](#)

List information about a specific report.

[zowe](#) › [caview](#) › [list](#) › [report](#) › [index-names](#)

List indexes for a specific report. Use the returned 'IndexNameHandle' to reference a report index. Use the returned 'IndexNameHandle' in the 'list report index-values' command to retrieve the list of associated index values for that index.

Usage

```
zowe caview list report index-names <repositoryId> <reportHandle> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `reportHandle` (*string*)
 - Report handle.

Options

- `--filter-names` | `--names` (*string*)
 - Filter (include) based on index name. Separate multiple index names with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

Default value: ****,*,*

- `--output-format | --output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.
Default value: tabular
Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header | --header` (*boolean*)
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
Default value: true
- `--output-field | -f` (*array*)
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
Allowed values: Index,SubIndexNames,IndexNameHandle
Default value: Index,SubIndexNames,IndexNameHandle

Profile Options

- `--caview-profile | --caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)
 - Host name of service on the mainframe.
- `--port | -P` (*number*)
 - Port number of service on the mainframe.
- `--user | -u` (*string*)

- User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [list](#) > [report](#) > [index-values](#)

List index values for a report index. Use the returned 'ReportHandle' to reference an index value in other commands. For example, use 'ReportHandle' in the 'download report' command to download that corresponding view of the report.

Usage

```
zowe caview list report index-values <repositoryId> <reportHandle> <indexNameHandle> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `reportHandle` (*string*)
 - Report handle.
- `indexNameHandle` (*string*)
 - Index name handle.

Options

- `--filter-values | --values` (*string*)
 - Filter (include) based on index values. Separate index values with commas. Use the asterisk (*) as a wildcard to represent any number of characters.
Default value: *,*,*,*,*,*
- `--output-format | --output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.
Default value: tabular
Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header | --header` (*boolean*)
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
Default value: true
- `--output-field | -f` (*array*)
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
Allowed values: Value,SubValues,ReportHandle
Default value: Value,SubValues,ReportHandle

Profile Options

- `--caview-profile | --caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)
 - Host name of service on the mainframe.

- `--port | -P` (*number*)
 - Port number of service on the mainframe.
 - `--user | -u` (*string*)
 - User name to authenticate to service on the mainframe.
 - `--password | --pass | --pw` (*string*)
 - Password to authenticate to service on the mainframe.
 - `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [list](#) > [report](#) > [logical-views](#)

List logical views available for a specific report. Use the returned 'ReportHandle' to reference a logical view in other commands. For example, use 'ReportHandle' in the 'download report' command to download the logical view of that report. Use the returned 'IndexNameHandle' in the 'list report index-values' command to retrieve the list of associated index values (if defined) for that index.

Usage

```
zowe caview list report logical-views <repositoryId> <reportHandle> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `reportHandle` (*string*)

- Report handle.

Options

- `--output-format` | `--output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.
 - Default value: tabular
 - Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header` | `--header` (*boolean*)
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
 - Default value: true
- `--output-field` | `-f` (*array*)
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
 - Allowed values:
Description,Index,SubIndexNames,ReportHandle,IndexNameHandle,Number,ViewId,Default
 - Default value: Description,Index,SubIndexNames,ReportHandle,IndexNameHandle

Profile Options

- `--caview-profile` | `--caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)

- Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [list](#) › [reports](#)

List reports in a repository. Use the returned 'ReportHandle' to reference a report in other commands. For example, use the 'ReportHandle' in the 'download report' command to download that report.

Usage

```
zowe caview list reports <repositoryId> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.

Options

- `--filter-name` | `-n` (*string*)
 - Filter (include) based on report name. Use the asterisk (*) as a wildcard to represent any number of characters.

Default value: *

- `--limit | -l (number)`
 - Limit (maximum number) of retrieved records.
- Default value: 1000
- `--latest-versions | --latest-version | --lv (number)`
 - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.
- Default value: 0
- `--archival-since | --since | --archival-from | --from (string)`
 - Date of earliest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--archival-until | --until | --archival-to | --to (string)`
 - Date of latest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--output-header | -h (boolean)`
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
- Default value: true
- `--output-format | --output (string)`
 - Output format. This option is ignored if '--response-format-json' is specified.
- Default value: tabular
- Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-field | -f (array)`
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
- Allowed values:
ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle,To

talPages,OriginalType,Destination,JobName,Origin,Generation,SequenceNumber,SysoutClass,Status,JobID,Forms,XCode,UserID,ReadDate,PrintDate,OnDisk,OnTape,OnOptical,IndexOnDisk,Location,TapeSequence,TapePosition,TapeCount,ExtendedRetentionOptionID,RemainingDays,RemainingGenerations,RemainingCopy,RemainingDiskDays,RemainingDiskGeneration,RemainingDiskCopy,RemainingDisk2days

Default value:

ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle

Profile Options

- `--caview-profile | --caview-p (string)`
 - The name of a (caview) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
 - `--port | -P (number)`
 - Port number of service on the mainframe.
 - `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
 - `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [list](#) > [repositories](#)

List repositories. Use the returned 'Identifier' to reference a repository in other commands. For example, use the 'Identifier' in the list reports' command to list reports in that repository.

Usage

```
zowe caview list repositories [options]
```

Options

- `--filter-name` | `-n` (*string*)
 - Filter (include) based on repository name. Use the percent sign (%) as a wildcard to represent a single character. Use the asterisk (*) as a wildcard to represent any number of characters.
 - `--filter-path` | `-p` (*string*)
 - Filter (include) based on repository path. Use the percent sign (%) as a wildcard to represent a single character. Use the asterisk (*) as a wildcard to represent any number of characters.
- Default value: *
- `--output-format` | `--output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.
- Default value: tabular
- Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header` | `--header` (*boolean*)
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
- Default value: true
- `--output-field` | `-f` (*array*)

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values:

Identifier,Name,Description,Path,CharacterSet,ReportAccess,CreatedBy,DateCreated,ModifiedBy,ModifiedDate

Default value: Identifier,Name,Description,Path,CharacterSet

Profile Options

- `--caview-profile` | `--caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [search](#)

Search data in a CA View repository.

[zowe](#) > [caview](#) > [search](#) > [index](#)

Search cross-report index data in a repository.

[zowe](#) > [caview](#) > [search](#) > [index](#) > [names](#)

Search cross-report index names in a repository. Use the returned 'IndexNameHandle' to reference a cross-report index name. For example, use the 'IndexNameHandle' in the 'search index values' command to retrieve the list of index values for that cross-report index.

Usage

```
zowe caview search index names <repositoryId> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.

Options

- `--filter-reports` | `--reports` (*string*)
 - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.
Default value: *
- `--filter-names` | `--names` (*string*)
 - Filter (include) based on index name. Separate multiple index names with commas. Use the asterisk (*) as a wildcard to represent any number of characters.
Default value: *,*,*,*,*,*

- `--latest-versions` | `--latest-version` | `--lv (number)`
 - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

Default value: 0
- `--archival-since` | `--since` | `--archival-from` | `--from (string)`
 - Date of earliest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--archival-until` | `--until` | `--archival-to` | `--to (string)`
 - Date of latest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--online-only` | `--online (boolean)`
 - Include only those reports that are available online.

Default value: true
- `--output-format` | `--output (string)`
 - Output format. This option is ignored if '--response-format-json' is specified.

Default value: tabular

Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$
- `--output-header` | `--header (boolean)`
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.

Default value: true
- `--output-field` | `-f (array)`
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values: Index,SubIndexNames,IndexNameHandle

Default value: Index,SubIndexNames,IndexNameHandle

Profile Options

- `--caview-profile` | `--caview-p` (*string*)
 - The name of a (caview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
 - `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
 - `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
 - `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [search](#) › [index](#) › [reports](#)

Search reports containing a cross-report index value in a repository. Use the returned 'ReportHandle' to reference a view of the report. For example, use the 'ReportHandle' in the

'download report' command to download that view of the report.

Usage

```
zowe caview search index reports <repositoryId> <indexNameHandle> <valueHandle> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `indexNameHandle` (*string*)
 - Index name handle.
- `valueHandle` (*string*)
 - Index value handle.

Options

- `--filter-reports` | `--reports` (*string*)
 - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.
Default value: *
- `--latest-versions` | `--latest-version` | `--lv` (*number*)
 - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.
Default value: 0
- `--archival-since` | `--since` | `--archival-from` | `--from` (*string*)
 - Date of earliest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--archival-until` | `--until` | `--archival-to` | `--to` (*string*)
 - Date of latest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--online-only` | `--online` (*boolean*)

- Include only those reports that are available online.

Default value: true

- `--output-format | --output` (*string*)

- Output format. This option is ignored if '--response-format-json' is specified.

Default value: tabular

Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$

- `--output-header | --header` (*boolean*)

- Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.

Default value: true

- `--output-field | -f` (*array*)

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values:

ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle,TotalPages,OriginalType,Destination,JobName,Origin,Generation,SequenceNumber,SysoutClass,Status,JobID,Forms,XCode,UserID,ReadDate,PrintDate,OnDisk,OnTape,OnOptical,IndexOnDisk,Location,TapeSequence,TapePosition,TapeCount,ExtendedRetentionOptionID,RemainingDays,RemainingGenerations,RemainingCopy,RemainingDiskDays,RemainingDiskGeneration,RemainingDiskCopy,RemainingDisk2days

Default value:

ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle

Profile Options

- `--caview-profile | --caview-p` (*string*)

- The name of a (caview) profile to load for this command execution.

- `--base-profile | --base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) › [caview](#) › [search](#) › [index](#) › [values](#)

Search cross-report index values in a repository. Use the returned 'IndexValueHandle' in the 'search index reports' command to retrieve the list of reports containing that index value.

Usage

```
zowe caview search index values <repositoryId> <indexNameHandle> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `indexNameHandle` (*string*)

- Index name handle.

Options

- `--filter-reports | --reports` (*string*)
 - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.

Default value: *
- `--filter-values | --values` (*string*)
 - Filter (include) based on index values. Separate index values with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

Default value: *,*,*,*,*,*
- `--latest-versions | --latest-version | --lv` (*number*)
 - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

Default value: 0
- `--archival-since | --since | --archival-from | --from` (*string*)
 - Date of earliest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--archival-until | --until | --archival-to | --to` (*string*)
 - Date of latest archived reports to include based on archival date. Use the 'YYYY-MM-DD' format.
- `--online-only | --online` (*boolean*)
 - Include only those reports that are available online.

Default value: true
- `--output-format | --output` (*string*)
 - Output format. This option is ignored if '--response-format-json' is specified.

Default value: tabular

Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$

- `--output-header | -h (boolean)`
 - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.
- Default value: true
- `--output-field | -f (array)`
 - Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.
- Allowed values: Value,SubValues,IndexValueHandle
- Default value: Value,SubValues,IndexValueHandle

Profile Options

- `--caview-profile | --caview-p (string)`
 - The name of a (caview) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`

- Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [set](#)

Set information in CA View repository.

[zowe](#) > [caview](#) > [set](#) > [user](#)

Set configuration for current user in repository.

[zowe](#) > [caview](#) > [set](#) > [user](#) > [distribution](#)

Set distribution id for current user in repository.

Usage

```
zowe caview set user distribution <repositoryId> <distributionId> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `distributionId` (*string*)
 - Distribution ID.

Options

- `--output-format` | `--output` (*string*)
 - Output format. This option is ignored if '--response-format=json' is specified.

Default value: tabular

Allowed values: ^tabular\$, ^csv\$, ^json\$, ^xml\$

- `--output-header | --header` (*boolean*)

- Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.

Default value: true

- `--output-field | -f` (*array*)

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values:

Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId

Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile | --caview-p` (*string*)

- The name of a (caview) profile to load for this command execution.

- `--base-profile | --base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)

- Host name of service on the mainframe.

- `--port | -P` (*number*)

- Port number of service on the mainframe.

- `--user | -u` (*string*)

- User name to authenticate to service on the mainframe.

- `--password | --pass | --pw` (*string*)

- Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe](#) > [caview](#) > [set](#) > [user](#) > [mode](#)

Set mode for current user in repository.

Usage

```
zowe caview set user mode <repositoryId> <mode> [options]
```

Positional Arguments

- `repositoryId` (*number*)
 - Repository identifier.
- `mode` (*string*)
 - User mode. Must match regular expression: `^(ALL|SAR|SAR0|EXP|EXPO)$`

Options

- `--output-format` | `--output` (*string*)
 - Output format. This option is ignored if '--response-format=json' is specified.
- Default value: tabular
- Allowed values: `^tabular$`, `^csv$`, `^json$`, `^xml$`
- `--output-header` | `--header` (*boolean*)

- Include header with field names in the output when you specify 'tabular' or 'csv' for the output format. This option is ignored when you specify any other output format.

Default value: true

- `--output-field | -f (array)`

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

Allowed values:

Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId

Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile | --caview-p (string)`

- The name of a (caview) profile to load for this command execution.

- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`

- Host name of service on the mainframe.

- `--port | -P (number)`

- Port number of service on the mainframe.

- `--user | -u (string)`

- User name to authenticate to service on the mainframe.

- `--password | --pass | --pw (string)`

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized | --ru (boolean)`

- Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

[zowe > cics](#)

Interact with IBM CICS programs and transactions.

[zowe > cics > add-to-list](#)

Add new resources (for example, CSD Groups to CSD Lists) to CICS through IBM CMCI.

[zowe > cics > add-to-list > csdGroup](#)

Add a CSD Group to a CICS CSD List.

Usage

```
zowe cics add-to-list csdGroup <name> <csdList> [options]
```

Positional Arguments

- `name` (*string*)
 - The name of the CSD Group to add. The maximum length of the CSD Group name is eight characters
- `csdList` (*string*)
 - The name of the CSD List to add the group to. The maximum length of the CSD List name is eight characters

Options

- `--region-name` (*string*)
 - The CICS region name to which to add the CSD Group to the CSD List
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to add the CSD Group to the CSD List

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.

- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Add the CSD Group MYGRP to the CSD List MYLIST in the region named MYREG:

- `zowe cics add-to-list csdGroup MYGRP MYLIST --region-name MYREG`

[zowe](#) > [cics](#) > [define](#)

Define new resources (for example, programs) to CICS through IBM CMCI.

[zowe](#) > [cics](#) > [define](#) > [program](#)

Define a new program to CICS.

Usage

```
zowe cics define program <programName> <csdGroup> [options]
```

Positional Arguments

- `programName` (*string*)
 - The name of the new program to define. The maximum length of the program name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new program that you want to define. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name to which to define the new program
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new program

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.

- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Define a program named PGM123 to the region name MYREGION in the CSD group MYGRP:

- `zowe cics define program PGM123 MYGRP --region-name MYREGION`

[zowe](#) > [cics](#) > [define](#) > [transaction](#)

Define a new transaction to CICS.

Usage

```
zowe cics define transaction <transactionName> <programName> <csdGroup> [options]
```

Positional Arguments

- `transactionName` (*string*)
 - The name of the new transaction to define. The maximum length of the transaction name is four characters.
- `programName` (*string*)
 - The name of the program that the transaction uses. The maximum length of the program name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new transaction that you want to define. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name to which to define the new transaction
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new transaction

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.

- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Define a transaction named TRN1 for the program named PGM123 to the region named MYREGION in the CSD group MYGRP:
 - `zowe cics define transaction TRN1 PGM123 MYGRP --region-name MYREGION`

[zowe](#) › [cics](#) › [define](#) › [urimap-client](#)

Define a new URIMAP of type client to CICS. This acts as an HTTP(S) client

Usage

```
zowe cics define urimap-client <urimapName> <csdGroup> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` (*string*)
 - The path component of the URI.
- `--urimap-host` | `--uh` (*string*)
 - The host component of the URI.

Options

- `--urimap-scheme` | `--us` (*string*)
 - The scheme component to be used with the request (http or https).
Default value: https
Allowed values: http, https

- `--authenticate` | `--auth` (*string*)
 - The authentication and identification scheme to be used for client URIMAPs.
Allowed values: NO, BASIC
- `--certificate` | `--cert` (*string*)
 - The label of a certificate in the keyring that is to be used as the client certificate in SSL handshakes
- `--description` | `--desc` (*string*)
 - Description of the URIMAP resource being defined.
- `--region-name` (*string*)
 - The CICS region name to which to define the new URIMAP.
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new URIMAP.
- `--enable` (*boolean*)
 - Whether or not the URIMAP is to be enabled on install by default.
Default value: true

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized | --ru` (*boolean*)

- Reject self-signed certificates.

Default value: true

- `--protocol | -o` (*string*)

- Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p` (*string*)

- The name of a (cics) profile to load for this command execution.

- `--base-profile | --base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value | --tv` (*string*)

- The value of the token to pass to the API.

Examples

- Define a URIMAP named URIMAPA to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:

- `zowe cics define urimap-client URIMAPA MYGRP --urimap-path /example/index.html --urimap-host www.example.com --region-name MYREGION`

[zowe](#) › [cics](#) › [define](#) › [urimap-pipeline](#)

Define a new URIMAP of type pipeline to CICS. This processes incoming HTTP(S) requests

Usage

```
zowe cics define urimap-pipeline <urimapName> <csdGroup> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` (*string*)
 - The path component of the URI.
- `--urimap-host` | `--uh` (*string*)
 - The host component of the URI.
- `--pipeline-name` | `--pn` (*string*)
 - The name of the PIPELINE resource definition for the URIMAP. The maximum length of the pipeline name is eight characters.

Options

- `--urimap-scheme` | `--us` (*string*)
 - The scheme component to be used with the request (http or https).
Default value: https
Allowed values: http, https
- `--description` | `--desc` (*string*)
 - Description of the URIMAP resource being defined.
- `--transaction-name` | `--tn` (*string*)

- The name of the TRANSACTION resource definition for the URIMAP. The maximum length of the transaction name is four characters.
- `--webservice-name` | `--wn` (*string*)
 - The name of the WEBSERVICE resource definition for the URIMAP. The maximum length of the transaction name is 32 characters.
- `--tcpipservice` | `--tcpip` (*string*)
 - The TCPIPSERVICE to which the URIMAP definition applies.
- `--region-name` (*string*)
 - The CICS region name to which to define the new URIMAP.
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new URIMAP.
- `--enable` (*boolean*)
 - Whether or not the URIMAP is to be enabled on install by default.

Default value: true

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
 - `--port` | `-P` (*number*)
 - The CICS server port.
- Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
 - `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
 - `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
- Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Define a URIMAP named URIMAPA for the pipeline named PIPE123 to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:
 - `zowe cics define urimap-pipeline URIMAPA MYGRP --urimap-path /example/index.html --urimap-host www.example.com --pipeline-name PIPE123 --region-name MYREGION`

[zowe](#) › [cics](#) › [define](#) › [urimap-server](#)

Define a new URIMAP of type server to CICS. This acts as an HTTP(S) server

Usage

```
zowe cics define urimap-server <urimapName> <csdGroup> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` (*string*)
 - The path component of the URI.
- `--urimap-host` | `--uh` (*string*)
 - The host component of the URI.
- `--program-name` | `--pn` (*string*)
 - The application program that makes or handles the requests.

Options

- `--urimap-scheme` | `--us` (*string*)
 - The scheme component to be used with the request (http or https).
Default value: https
Allowed values: http, https
- `--description` | `--desc` (*string*)
 - Description of the URIMAP resource being defined.
- `--tcpipservice` | `--tcpip` (*string*)
 - The TCPIPSERVICE to which the URIMAP definition applies.

- `--region-name` (*string*)
 - The CICS region name to which to define the new URIMAP.
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new URIMAP.
- `--enable` (*boolean*)
 - Whether or not the URIMAP is to be enabled on install by default.

Default value: true

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
 - `--port` | `-P` (*number*)
 - The CICS server port.
- Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
 - `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Define a URIMAP named URIMAPA for the program named PGM123 to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:
 - `zowe cics define urimap-server URIMAPA MYGRP --urimap-path /example/index.html --urimap-host www.example.com --program-name PGM123 --region-name MYREGION`

[zowe](#) › [cics](#) › [define](#) › [webservice](#)

Define a new web service to CICS.

Usage

```
zowe cics define webservice <webserviceName> <csdGroup> [options]
```

Positional Arguments

- `webserviceName` (*string*)
 - The name of the WEBSERVICE to create. The maximum length of the web service name is eight characters.

- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the new web service that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--pipeline-name` | `--pn` (*string*)
 - The name of the PIPELINE resource definition for the web service. The maximum length of the pipeline name is eight characters
- `--wsbind` (*string*)
 - The file name of the web service binding file on HFS.

Options

- `--description` | `--desc` (*string*)
 - Description of the web service resource being defined.
- `--validation` (*boolean*)
 - Specifies whether full validation of SOAP messages against the corresponding schema in the web service description should be performed at run time.
Default value: false
- `--wsdlfile` | `--wsdl` (*string*)
 - The file name of the web service description (WSDL) file on HFS.
- `--region-name` (*string*)
 - The CICS region name to which to define the new web service.
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to define the new web service.

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.

- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Define a webservice named WEBSVCA for the pipeline named PIPE123 to the region named MYREGION in the CSD group MYGRP where the binding file is /u/exampleapp/wsbind/example.log:
 - `zowe cics define webservice WEBSVCA MYGRP --pipeline-name PIPELINE --wsbind /u/exampleapp/wsbind/example.log --region-name MYREGION`

[zowe](#) > [cics](#) > [delete](#)

Delete resources (for example, programs) from CICS through IBM CMCI.

[zowe](#) > [cics](#) > [delete](#) > [program](#)

Delete a program from CICS.

Usage

```
zowe cics delete program <programName> <csdGroup> [options]
```

Positional Arguments

- `programName` (*string*)
 - The name of the program to delete. The maximum length of the program name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the program that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to delete the program
- `--cics-plex` (*string*)
 - The name of the CICSPlex from which to delete the program

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete a program named PGM123 from the region named MYREGION:
 - `zowe cics delete program PGM123 --region-name MYREGION`

[zowe](#) › [cics](#) › [delete](#) › [transaction](#)

Delete a transaction from CICS.

Usage

`zowe cics delete transaction <transactionName> <csdGroup> [options]`

Positional Arguments

- `transactionName` (*string*)
 - The name of the transaction to delete. The maximum length of the transaction name is four characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the transaction that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to delete the transaction
- `--cics-plex` (*string*)
 - The name of the CICSplex from which to delete the transaction

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)

- The CICS server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password | --pw (string)`
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Delete a transaction named TRN1 from the region named MYREGION:
 - `zowe cics delete transaction TRN1 MYGRP --region-name MYREGION`

[zowe](#) > [cics](#) > [delete](#) > [urimap](#)

Delete a urimap from CICS.

Usage

```
zowe cics delete urimap <urimapName> <csdGroup> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the urimap to delete. The maximum length of the urimap name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the urimap that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to delete the urimap

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)

- Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete a urimap named URIMAPA from the region named MYREGION belonging to the csdgroup MYGRP:
 - `zowe cics delete urimap URIMAPA MYGRP --region-name MYREGION`

[zowe](#) › [cics](#) › [delete](#) › [webservice](#)

Delete a web service from CICS.

Usage

```
zowe cics delete webservice <webserviceName> <csdGroup> [options]
```

Positional Arguments

- `webserviceName` (*string*)
 - The name of the web service to delete. The maximum length of the web service name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the web service that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to delete the web service

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true

- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Delete a web service named WEBSVCA from the region named MYREGION belonging to the csdgroup MYGRP:
 - `zowe cics delete webservice WEBSVCA MYGRP --region-name MYREGION`

[zowe](#) › [cics](#) › [disable](#)

Disable resources (for example, urimaps) from CICS through IBM CMCI.

[zowe](#) › [cics](#) › [disable](#) › [urimap](#)

Disable a urimap from CICS.

Usage

```
zowe cics disable urimap <urimapName> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the urimap to disable. The maximum length of the urimap name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name in which to disable the urimap

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Disable a urimap named URIMAPA from the region named MYREGION:
 - `zowe cics disable urimap URIMAPA --region-name MYREGION`

[zowe](#) › [cics](#) › [discard](#)

Discard resources (for example, programs) from CICS through IBM CMCI.

[zowe](#) › [cics](#) › [discard](#) › [program](#)

Discard a program from CICS.

Usage

```
zowe cics discard program <programName> [options]
```

Positional Arguments

- `programName` (*string*)
 - The name of the program to discard. The maximum length of the program name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to discard the program
- `--cics-plex` (*string*)
 - The name of the CICSPlex from which to discard the program

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)

- The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Discard a program named PGM123 from the region named MYREGION:
 - `zowe cics discard program PGM123 --region-name MYREGION`

[zowe](#) › [cics](#) › [discard](#) › [transaction](#)

Discard a transaction from CICS.

Usage

`zowe cics discard transaction <transactionName> [options]`

Positional Arguments

- `transactionName` (*string*)
 - The name of the transaction to discard. The maximum length of the transaction name is four characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to discard the transaction
- `--cics-plex` (*string*)
 - The name of the CICSPlex from which to discard the transaction

Cics Connection Options

- `--host | -H (string)`
 - The CICS server host name.
- `--port | -P (number)`
 - The CICS server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password | --pw (string)`
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Discard a transaction named TRN1 from the region named MYREGION:

- `zowe cics discard transaction TRN1 --region-name MYREGION`

[zowe](#) › [cics](#) › [discard](#) › [urimap](#)

Discard a urimap from CICS.

Usage

```
zowe cics discard urimap <urimapName> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the urimap to discard. The maximum length of the urimap name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name from which to discard the urimap

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.

Default value: 443

- `--user` | `-u` (*string*)

- Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Discard a urimap named URIMAPA from the region named MYREGION:
 - `zowe cics discard urimap URIMAPA --region-name MYREGION`

[zowe](#) > [cics](#) > [enable](#)

Enable resources (for example, urimaps) from CICS through IBM CMCI.

[zowe](#) > [cics](#) > [enable](#) > [urimap](#)

Enable a urimap from CICS.

Usage

```
zowe cics enable urimap <urimapName> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the urimap to enable. The maximum length of the urimap name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name in which to enable the urimap

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Enable a urimap named URIMAPA from the region named MYREGION:
 - `zowe cics enable urimap URIMAPA --region-name MYREGION`

[zowe](#) › [cics](#) › [get](#)

Get resources (for example, programs or transactions) from CICS through IBM CMCI.

[zowe](#) › [cics](#) › [get](#) › [resource](#)

Get resources (for example, programs or transactions) from CICS.

Usage

```
zowe cics get resource <resourceName> [options]
```

Positional Arguments

- `resourceName` (*string*)
 - The name of the resource to get.

Options

- `--region-name` | `--rn` (*string*)
 - The CICS region name from which to get the resources
- `--cics-plex` | `--cp` (*string*)
 - The name of the CICSPlex from which to get the resources
- `--criteria` | `-c` (*string*)
 - The criteria by which to filter the resource
- `--parameter` | `-p` (*string*)
 - The parameter by which to refine the resource

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.

Default value: true

- `--protocol` | `-o` (*string*)

- Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)

- The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)

- The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get program resources from the region named MYREGION:

- `zowe cics get resource CICSProgram --region-name MYREGION`

- Get local transaction resources from the region named MYREGION:

- `zowe cics get resource CICSLocalTransaction --region-name MYREGION`

- Get local file resources from the region named MYREGION:

- `zowe cics get resource CICSLocalFile --region-name MYREGION`

- Get program definition resources from the CSD group named GRP1 and the region named MYREGION:

- `zowe cics get resource CICSDefinitionProgram --region-name MYREGION --parameter "CSDGROUP(GRP1)"`

- Get transaction definition resources from the CSD group named GRP1 and the region named MYREGION:

- `zowe cics get resource CICSDefinitionTransaction --region-name MYREGION --parameter "CSDGROUP(GRP1)"`

- Get URIMap definition resources from the CSD group named GRP1 and the region named MYREGION:

- `zowe cics get resource CICSDefinitionURIMap --region-name MYREGION --parameter "CSDGROUP(GRP1)"`
- Get program resources that start with the name PRG from the region named MYREGION:
 - `zowe cics get resource CICSProgram --region-name MYREGION --criteria "PROGRAM=PRG*"`
- Get a local transaction resource named TRAN from the region named MYREGION:
 - `zowe cics get resource CICSLocalTransaction --region-name MYREGION --criteria "TRANID=TRAN"`
- Get program resources that start with the name MYPRG from the region named MYREGION and display various fields as a table:
 - `zowe cics get resource CICSProgram --region-name MYREGION --criteria "PROGRAM=MYPRG*" --rft table --rfh --rff program length status`

[zowe](#) > [cics](#) > [install](#)

Install resources (for example, programs) to CICS through IBM CMCI.

[zowe](#) > [cics](#) > [install](#) > [program](#)

Install a program to CICS.

Usage

```
zowe cics install program <programName> <csdGroup> [options]
```

Positional Arguments

- `programName` (*string*)
 - The name of the program to install. The maximum length of the program name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the program that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name to which to install the program
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to install the program

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Install a program named PGM123 to the region named MYREGION in the CSD group MYGRP:
 - `zowe cics install program PGM123 MYGRP --region-name MYREGION`

[zowe](#) › [cics](#) › [install](#) › [transaction](#)

Install a transaction to CICS.

Usage

```
zowe cics install transaction <transactionName> <csdGroup> [options]
```

Positional Arguments

- `transactionName` (*string*)
 - The name of the transaction to install. The maximum length of the transaction name is four characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the transaction that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name to which to install the transaction

- `--cics-plex` (*string*)
 - The name of the CICSplex to which to install the transaction

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)
 - The CICS server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password` | `--pw` (*string*)
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` (*string*)
 - The name of a (cics) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Install a transaction named TRN1 to the region named MYREGION in the CSD group MYGRP:
 - `zowe cics install transaction TRN1 MYGRP --region-name MYREGION`

[zowe](#) > [cics](#) > [install](#) > [urimap](#)

Install a urimap to CICS.

Usage

```
zowe cics install urimap <urimapName> <csdGroup> [options]
```

Positional Arguments

- `urimapName` (*string*)
 - The name of the urimap to install. The maximum length of the urimap name is eight characters.
- `csdGroup` (*string*)
 - The CICS system definition (CSD) Group for the urimap that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name to which to install the urimap

Cics Connection Options

- `--host` | `-H` (*string*)

- The CICS server host name.
- `--port | -P (number)`
 - The CICS server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password | --pw (string)`
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).
Default value: https
Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Install a urimap named URIMAPA to the region named MYREGION belonging to the csdgroup MYGRP:
 - `zowe cics install urimap URIMAPA CSDGROUP --region-name MYREGION`

[zowe](#) > [cics](#) > [refresh](#)

Refresh a program on CICS through IBM CMCI.

[zowe](#) > [cics](#) > [refresh](#) > [program](#)

Refresh a program on CICS.

Usage

```
zowe cics refresh program <programName> [options]
```

Positional Arguments

- `programName` (*string*)
 - The name of the program to refresh. The maximum length of the program name is eight characters.

Options

- `--region-name` (*string*)
 - The CICS region name on which you want to refresh the program
- `--cics-plex` (*string*)
 - The name of the CICSPlex on which to refresh the program

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)

- The CICS server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password | --pw (string)`
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Refresh a program named PGM123 from the region named MYREGION:
 - `zowe cics refresh program PGM123 --region-name MYREGION`

[zowe](#) > [cics](#) > [remove-from-list](#)

Remove resources (for example, CSD Groups in CSD Lists) from CICS through IBM CMCI.

[zowe](#) > [cics](#) > [remove-from-list](#) > [csdGroup](#)

Remove a CSD Group from a CICS CSD List.

Usage

```
zowe cics remove-from-list csdGroup <name> <csdList> [options]
```

Positional Arguments

- `name` (*string*)
 - The name of the CSD Group to remove. The maximum length of the CSD Group name is eight characters
- `csdList` (*string*)
 - The name of the CSD List to remove the group from. The maximum length of the CSD List name is eight characters

Options

- `--region-name` (*string*)
 - The CICS region name to which to remove the CSD Group from the CSD List
- `--cics-plex` (*string*)
 - The name of the CICSPlex to which to remove the CSD Group from the CSD List

Cics Connection Options

- `--host` | `-H` (*string*)
 - The CICS server host name.
- `--port` | `-P` (*number*)

- The CICS server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (CICS) user name, which can be the same as your TSO login.
- `--password | --pw (string)`
 - Mainframe (CICS) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--protocol | -o (string)`
 - Specifies CMCI protocol (http or https).
- Default value: https
- Allowed values: http, https

Profile Options

- `--cics-profile | --cics-p (string)`
 - The name of a (cics) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Remove the CSD Group MYGRP from the CSD List MYLIST in the region named MYREG:

- `zowe cics remove-from-list csdGroup MYGRP MYLIST --region-name MYREG`

[zowe > config](#)

Manage configuration and overrides. To see all set-able options use "list" command.

[zowe > config > get](#)

Get a value of single setting option.

Usage

```
zowe config get <configName> [options]
```

Positional Arguments

- `configName` (*string*)
 - Setting name

Examples

- Get a value of CredentialManager setting:
 - `zowe config get CredentialManager`

[zowe > config > list](#)

List all configuration setting options.

Usage

```
zowe config list [options]
```

Options

- `--values` (*boolean*)
 - Show values for every option

Examples

- List all configuration setting options:
 - `zowe config list`

- List all configuration setting options with values:
 - `zowe config list --values`

[zowe](#) > [config](#) > [reset](#)

Reset a configuration setting to default value.

Usage

```
zowe config reset <configName> [options]
```

Positional Arguments

- `configName` (*string*)
 - Setting name to reset

Examples

- Reset the credential manager to default value:

```
◦ zowe config reset CredentialManager
```

[zowe](#) > [config](#) > [set](#)

Set a configuration setting.

Usage

```
zowe config set <configName> <configValue> [options]
```

Positional Arguments

- `configName` (*string*)
 - Setting name. Possible values: CredentialManager - The package name of a plugin that will override the default credential manager to allow for different credential storage methods.
- `configValue` (*string*)
 - Value to set

Examples

- Set the default credential manager to my-credential-manager:

- `zowe config set CredentialManager my-credential-manager`

[zowe > db2](#)

Interact with IBM Db2 for z/OS

[zowe > db2 > call](#)

Call a Db2 stored procedure

[zowe > db2 > call > procedure](#)

Call a Db2 stored procedure. Specify the stored procedure name and optionally provide values.

Usage

```
zowe db2 call procedure <routine> [options]
```

Positional Arguments

- `routine` (*string*)
 - The name of a Db2 stored procedure

Options

- `--parameters` | `-p` (*array*)
 - Values to bind to the stored procedure parameters

DB2 Connection Options

- `--host` | `-H` (*string*)
 - The Db2 server host name
- `--port` | `-P` (*number*)
 - The Db2 server port number
- `--user` | `-u` (*string*)
 - The Db2 user ID (may be the same as the TSO login)
- `--password` | `--pass` | `--pw` (*string*)

- The Db2 password (may be the same as the TSO password)
- `--database` | `--db` (*string*)
 - The name of the database
- `--sslFile` | `--ssl` (*string*)
 - Path to an SSL Certificate file

Profile Options

- `--db2-profile` | `--db2-p` (*string*)
 - The name of a (db2) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Call stored procedure DEMO.SP1:
 - `zowe db2 call procedure "DEMO.SP1"`
- Call a stored procedure and pass values for parameter indicators:
 - `zowe db2 call procedure "DEMO.SP2(?, ?)" --parameters "Hello" "world!"`

- Call a stored procedure and pass values for two output parameters. The first output requires a 2-character buffer. The second output is a message that will be truncated to the length of the placeholder.:
 - `zowe db2 call procedure "DEMO.SP3(NULL, ?, ?)" --parameters "00"
"message_placeholder_message_placeholder"`

[zowe](#) > [db2](#) > [execute](#)

Execute SQL queries against a Db2 region and retrieve the response. Enclose the query in quotes and escape any symbols that have a special meaning to the shell.

[zowe](#) > [db2](#) > [execute](#) > [sql](#)

Execute one or multiple SQL statements separated by a semicolon from a command line or from a file.

Usage

```
zowe db2 execute sql [options]
```

Options

- `--query` | `-q (string)`
 - The SQL statement verbatim to execute
- `--file` | `-f (string)`
 - A local file containing the SQL statements to execute

DB2 Connection Options

- `--host` | `-H (string)`
 - The Db2 server host name
- `--port` | `-P (number)`
 - The Db2 server port number
- `--user` | `-u (string)`
 - The Db2 user ID (may be the same as the TSO login)

- `--password | --pass | --pw` (*string*)
 - The Db2 password (may be the same as the TSO password)
- `--database | --db` (*string*)
 - The name of the database
- `--sslFile | --ssl` (*string*)
 - Path to an SSL Certificate file

Profile Options

- `--db2-profile | --db2-p` (*string*)
 - The name of a (db2) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Execute a dummy SQL query:
 - `zowe db2 execute sql --query "SELECT 'Hello World' FROM SYSIBM.SYSDUMMY1"`
- Retrieve the employees table and total number of rows:

- `zowe db2 execute sql -q "SELECT * FROM SAMPLE.EMP; SELECT COUNT(*) AS TOTAL FROM SAMPLE.EMP"`
- Execute a file with SQL statements:
 - `zowe db2 execute sql --file backup_sample_database.sql`

[zowe](#) > [db2](#) > [export](#)

Export data from a Db2 table

[zowe](#) > [db2](#) > [export](#) > [table](#)

Export a Db2 table to the stdout or a file.

Usage

`zowe db2 export table <table> [options]`

Positional Arguments

- `table (string)`
 - The name of the table to export

Options

- `--outfile | -o (string)`
 - The path to the output file
- `--separator | --sep (string)`
 - Specify whether to add a separator between statements when exporting a table

DB2 Connection Options

- `--host | -H (string)`
 - The Db2 server host name
- `--port | -P (number)`
 - The Db2 server port number
- `--user | -u (string)`

- The Db2 user ID (may be the same as the TSO login)
- `--password` | `--pass` | `--pw` (*string*)
 - The Db2 password (may be the same as the TSO password)
- `--database` | `--db` (*string*)
 - The name of the database
- `--sslFile` | `--ssl` (*string*)
 - Path to an SSL Certificate file

Profile Options

- `--db2-profile` | `--db2-p` (*string*)
 - The name of a (db2) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Export employees data from the table SAMPLE.EMP and save it to the file 'employees.sql':
 - `zowe db2 export table SAMPLE.EMP --outfile employees.sql`

[zowe](#) › [endeavor](#)

CA Endevor SCM plug-in for listing Endevor environment information, working with elements and packages located in specified Endevor instance.

[zowe](#) › [endeavor](#) › [add](#)

Add an Element into CA Endevor SCM.

[zowe](#) › [endeavor](#) › [add](#) › [element](#)

The add element command lets you add an Element to an Environment entry Stage in CA Endevor SCM.

Usage

```
zowe endevor add element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--ccid` | `--cci` (*string*)

- The CCID you want to use when performing an Element action.
- `--comment | --com (string)`
 - The comment you want to have when performing an Element action
- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

input sources options

- `--from-file | --ff (string)`
 - Use this input to provide source file.
- `--from-dataset | --fd (string)`
 - Use this input to provide source data set name.
- `--from-member | --fm (string)`
 - Use this input to provide source member name in the data set.
- `--from-path | --fp (string)`
 - Use this input to provide the path of source USS file. It must be used with from-uss-file.
- `--from-uss-file | --fuf (string)`
 - Use this input to provide source USS file name. It must be used with from-path

options

- `--override-signout | --os (boolean)`
 - Specify if you want to override the Signout of an Endevor element while performing this action.
- `--new-version | --nv (number)`
 - Assign a different version number to the Element.
- `--proc-group | --pg (string)`

- The CA Endevor SCM processor group you would like to use.
 - `--generate | -g (boolean)`
 - Specifies if you want to Generate Element after Add/Update action.
 - `--get-fingerprint | --gfg (boolean)`
 - Return fingerprint of a retrieved, added or updated element as the first line of the response.
- Default value: false
- `--fingerprint | --fg (string)`
 - Specifies the fingerprint of the element to Add or Update. Use value 'NEW' when adding a new element that shouldn't exist in the map yet.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
 - `--port | -p (string)`
 - Specifies the port number.
 - `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username (string)`

- Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Add element from local file with endevor profile set up:

- `zowe endevor add element elementName --env ENV --sys SYS --sub SUB --typ TYPE --ff localfile.txt -i ENDEVOR`

zowe > endevor > approve

Approve a Package in CA Endevor SCM.

zowe > endevor > approve > package

The approve package command approves Package in CA Endevor SCM for execution.

Usage

```
zowe endevor approve package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--notes` | `-n` (*string*)
 - Notes for approve/deny package.
- `--notes-from-file` | `--nff` (*string*)
 - Local file of notes for approve/deny package.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endevor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https
Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile | --endeavor-location-p (string)`
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Approve package with endevor profile set up, specifying approval notes:

- `zowe endevor approve package packageName -n "notes" -i ENDEVOR`

[zowe](#) › [endevor](#) › [backin](#)

Backin a Package in CA Endevor SCM.

[zowe](#) › [endevor](#) › [backin](#) › [package](#)

The backin package command reverses the backout action and returns the Package to a status of Executed.

Usage

```
zowe endevor backin package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--statement` | `--stmn` (*number*)
 - Specify the SCL statement number for the Element action that you want to back in or back out.
- `--element` | `--elm` (*string*)
 - Specify the Element name for the Element action that you want to back in or back out.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`

- Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Backin package with endevor profile set up:
 - `zowe endevor backin package packageName -i ENDEVOR`

[zowe](#) > [endevor](#) > [backout](#)

Backout a Package in CA Endevor SCM.

[zowe](#) > [endevor](#) > [backout](#) > [package](#)

The backout package command restores the executable and output modules of the Package to the status they were in before execution.

Usage

```
zowe endevor backout package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--statement` | `--stmn` (*number*)
 - Specify the SCL statement number for the Element action that you want to back in or back out.
- `--element` | `--elm` (*string*)
 - Specify the Element name for the Element action that you want to back in or back out.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endevor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.

- `--port | -p (string)`
 - Specifies the port number.
 - `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
 - `--password | --pass (string)`
 - Specifies the user's password.
 - `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
 - `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p (string)`
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p (string)`
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Backout package with endevor profile set up:

```
◦ zowe endevor backout package packageName -i ENDEVOR
```

[zowe](#) › [endevor](#) › [cast](#)

Cast a Package in CA Endevor SCM.

[zowe](#) › [endevor](#) › [cast](#) › [package](#)

The cast package command prepares the Package for review and subsequent execution. Casting a Package freezes the contents of the Package and prevents further changes to the Package.

Usage

```
zowe endevor cast package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--from-date-time` | `--fdt` (*string*)
 - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--to-date-time` | `--tdt` (*string*)
 - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--validate-components` | `--vc` (*string*)
 - Specify "yes" to enable component validation within the package, "no" to disable, and "warn" to generate a warning if component validation fails.

Allowed values: yes, no, warn

- `--nobackout | --nb` (*boolean*)
 - Specify this option to NOT have backout facility available for this package.

output customization options

- `--suppress-messages | --sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname` (*string*)
 - Specifies the base host name.
- `--port | -p` (*string*)
 - Specifies the port number.
- `--protocol | --prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https

- `--user | --username` (*string*)
 - Specifies the user name.

- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | -tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Cast package with endevor profile set up, changing the execution window of the Package:
 - `zowe endevor cast package packageName --fdt 2018-01-01T00:00 --tdt 2018-12-31T12:00 -i ENDEVOR`

Commit a Package in CA Endevor SCM.

zowe > endevor > commit > package

The commit package command commits a Package, which removes all backout/backin data while retaining Package event information.

Usage

```
zowe endevor commit package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--older-than` | `--ot` (*number*)
 - Specifies the minimum age of the package.
- `--delete-promotion-history` | `--dph` (*boolean*)
 - Specifies whether you want to delete all promotion history associated with previous versions of the Package

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endevor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile | --endeavor-location-p (string)`
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Commit package with endevor profile set up, specifying deletion of all promotion history:
 - `zowe endevor commit package packageName --delete-promotion-history -i ENDEVOR`

[zowe](#) › [endevor](#) › [create](#)

Create a Package in CA Endevor SCM.

[zowe](#) › [endevor](#) › [create](#) › [package](#)

The create package command lets you create a package in CA Endevor SCM.

Usage

```
zowe endevor create package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

input sources options

- `--from-file` | `--ff` (*string*)
 - Use this input to provide source file.
- `--from-dataset` | `--fd` (*string*)
 - Use this input to provide source data set name.

- `--from-member` | `--fm` (*string*)
 - Use this input to provide source member name in the data set.
- `--from-package` | `--fp` (*string*)
 - Directs the Create/Update action to copy the SCL from the package you specify into the package you are creating or updating.
- `--from-text` | `--ft` (*string*)
 - Provides a string to use as input SCL.

options

- `--description` | `-d` (*string*)
 - Allows you to associate a 50-character description when creating package.
- `--from-date-time` | `--fdt` (*string*)
 - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--to-date-time` | `--tdt` (*string*)
 - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--nobackout` | `--nb` (*boolean*)
 - Specify this option to NOT have backout facility available for this package.
- `--notes-from-file` | `--nff` (*string*)
 - Local file of notes for approve/deny package.
- `--type` | `-t` (*string*)
 - Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.
Allowed values: S, E
- `--sharable` | `--sh` (*boolean*)

- Specify this option if the package can be edited by more than one person when in In-edit status.
- `--append | -a (boolean)`
 - Specify this option to append the SCL you are adding to the existing package SCL. Otherwise it would be replaced.
- `--promotion | --pr (boolean)`
 - Specify this option to define the package as a promotion package.
- `--novalidate-scl | --nvs (boolean)`
 - Specify this option to NOT validate the package components while creating a package.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`

- Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create package from local file with endevor profile set up:
 - `zowe endevor create package packageName -d "package description" --ff localfile.txt -i ENDEVOR`

[zowe](#) > [endevor](#) > [delete](#)

Delete an Element or a Package in CA Endevor SCM.

[zowe](#) > [endevor](#) > [delete](#) > [element](#)

The delete element command deletes an Element from the specified inventory location in CA Endevor SCM.

Usage

```
zowe endevor delete element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: 1, 2

- `--ccid | --cci (string)`
 - The CCID you want to use when performing an Element action.
- `--comment | --com (string)`
 - The comment you want to have when performing an Element action
- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--proc-group | --pg (string)`
 - The CA Endevor SCM processor group you would like to use.
- `--override-signout | --os (boolean)`
 - Specify if you want to override the Signout of an Endevor element while performing this action.
- `--only-components | --oc (boolean)`
 - Applicable for CA Endevor SCM ACM users only. Indicates whether you want to delete both the Element component list and the Element, or the Element component list only. "No" is the default option
- `--where-ccid-all | --wca (string)`
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current | --wcc (string)`
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` (*string*)
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ",". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group` | `--wpg` (*string*)
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ",".

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.

- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete element with endevor profile set up:

- `zowe endevor delete element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

[zowe](#) > [endevor](#) > [delete](#) > [package](#)

The delete package command lets you delete Packages of any status type in CA Endevor SCM.

Usage

```
zowe endevor delete package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--status` | `--st` (*string*)
 - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action. It is possible to specify multiple status separated by "," during list and delete package.
Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED
- `--older-than` | `--ot` (*number*)
 - Specifies the minimum age of the package.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.

- `--port | -p (string)`
 - Specifies the port number.
 - `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
 - `--password | --pass (string)`
 - Specifies the user's password.
 - `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
 - `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p (string)`
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p (string)`
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete package with endevor profile set up:

- `zowe endevor delete package packageName -i ENDEVOR`

[zowe](#) › [endevor](#) › [deny](#)

Deny a Package in CA Endevor SCM.

[zowe](#) › [endevor](#) › [deny](#) › [package](#)

The deny package command changes the status of a Package to Denied.

Usage

```
zowe endevor deny package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--notes` | `-n` (*string*)
 - Notes for approve/deny package.
- `--notes-from-file` | `--nff` (*string*)
 - Local file of notes for approve/deny package.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)

- File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname` (*string*)
 - Specifies the base host name.
- `--port | -p` (*string*)
 - Specifies the port number.
- `--protocol | --prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Deny package with endevor profile set up, specifying denial notes:

- `zowe endevor deny package packageName -n "notes" -i ENDEVOR`

[zowe](#) › [endevor](#) › [execute](#)

Execute a Package in CA Endevor SCM.

[zowe](#) › [endevor](#) › [execute](#) › [package](#)

The execute package command executes a Package that have a status of Approved or Execfailed.

Usage

```
zowe endevor execute package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--from-date-time | --fdt (string)`
 - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--to-date-time | --tdt (string)`
 - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--status | --st (string)`
 - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action. It is possible to specify multiple status separated by "," during list and delete package.
Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endevor-location definition options

- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

endevor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.

- `--port | -p (string)`
 - Specifies the port number.
 - `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
 - `--password | --pass (string)`
 - Specifies the user's password.
 - `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
 - `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p (string)`
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p (string)`
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Execute package with endevor profile set up, specifying the time frame within which to execute the Package:

- `zowe endevor execute package packageName --fdt 2018-01-01T00:00 --tdt 2018-12-31T12:00 -i ENDEVOR`

[zowe](#) › [endevor](#) › [generate](#)

Generate an Element in CA Endevor SCM.

[zowe](#) › [endevor](#) › [generate](#) › [element](#)

The generate element command executes the generate Processor for the current level of the Element.

Usage

```
zowe endevor generate element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.

- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.
Allowed values: 1, 2
- `--ccid` | `--cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment` | `--com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--proc-group` | `--pg` (*string*)
 - The CA Endevor SCM processor group you would like to use.
- `--search` | `--sea` (*boolean*)
 - Enables the search through the Endevor map.
- `--copy-back` | `--cb` (*boolean*)
 - Specify if you want to copy the current level of the Element back to the FROM Stage, then perform this action. Do not use with `--nosource` option.
- `--override-signout` | `--os` (*boolean*)
 - Specify if you want to override the Signout of an Endevor element while performing this action.
- `--nosource` | `--ns` (*boolean*)

- Specify if you want to have source-less Element. Do not use with --copy-back option.
- `--where-ccid-all | --wca (string)`
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current | --wcc (string)`
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr (string)`
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | --wpg (string)`
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.

- `--protocol | --prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https
Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--endevor-location-profile | --endeavor-location-p` (*string*)
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Generate an element with endevor profile set up, specifying option Copyback:

- `zowe endevor generate element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE --cb -i ENDEVOR`

[zowe](#) > [endevor](#) > [list](#)

List instances, elements, types, packages and inventory locations in CA Endevor SCM.

[zowe](#) > [endevor](#) > [list](#) > [elements](#)

The list elements command lists element information in CA Endevor SCM

Usage

```
zowe endevor list elements [element] [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: *, %, 1, 2

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path | --pa` (*string*)
 - Specifies a PHYSical or LOGical path.
Allowed values: log, phy
- `--return | --ret` (*string*)
 - Sets mapping options for returned results: return FIRst match or ALL matching results.
Allowed values: fir, all
- `--search | --sea` (*boolean*)
 - Enables the search through the CA Endevor SCM map.
- `--data | --dat` (*string*)
 - Allows to select the type of summary data returned in the element list (defaults to all).
Default value: all
Allowed values: all, bas, ele, comp
- `--where-ccid-current | --wcc` (*string*)
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-generate | --wcg` (*string*)
 - Instructs CA Endevor SCM to search using the generate CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-lastact | --wcla (string)`
 - Instructs CA Endevor SCM to search using the last action CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-lastlvl | --wcll (string)`
 - Instructs CA Endevor SCM to search using the last level CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-change | --wcchg (string)`
 - This option is only valid when the data option is ele or comp. Instructs CA Endevor SCM to filter the results of the list data summary function that is based on the specified ccids. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr (string)`
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-type | --wpt (string)`
 - Lets you select Elements according to a specified Processor type.
Allowed values: GEN, GENERATE, MOV, MOVE, DEL, DELETE
- `--where-proc-group | --wpg (string)`
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

scl generation options

- `--to-package | --tp (string)`
 - Specifies the package to which the SCL has to be appended. This option requires scl-action
- `--scl-action | --sa (string)`

- Specifies the action for the SCL that has to be built.

Allowed values: GENERATE, MOVE

output customization options

- `--full-output` | `--fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
 - `--port` | `-p` (*string*)
 - Specifies the port number.
 - `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
 - `--password` | `--pass` (*string*)
 - Specifies the user's password.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List elements in CA Endevor SCM from the specified inventory location with the endevor profile set up:

- `zowe endevor list elements -i ENDEVOR --env ENVNAME --sn 1 --sys SYSNAME --sub SUBNAME --typ TYPENAME`

[zowe](#) › [endevor](#) › [list](#) › [environments](#)

The list environments command lists environments in CA Endevor SCM

Usage

`zowe endevor list environments [environment] [options]`

Positional Arguments

- `environment` (*string*)
 - Name of the CA Endevor SCM environment.

endevor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path | --pa (string)`
 - Specifies a PHYSical or LOGical path.
Allowed values: log, phy
- `--return | --ret (string)`
 - Sets mapping options for returned results: return FIRst match or ALL matching results.
Allowed values: fir, all
- `--search | --sea (boolean)`
 - Enables the search through the CA Endevor SCM map.

output customization options

- `--full-output | --fo (boolean)`
 - Specify this option if you want a full output of list action.
- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https

Allowed values: http, https

- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all environments in CA Endevor SCM with endevor profile set up:
 - `zowe endevor list environments -i ENDEVOR`

[zowe](#) > [endevor](#) > [list](#) > [instances](#)

The list instances command lists instances used by CA Endevor SCM Web Services

Usage

`zowe endevor list instances [options]`

[endevor session definition options](#)

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.

- `--port | -p (string)`
 - Specifies the port number.
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API
- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.

- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

output customization options

- `--full-output | --fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages | --sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

Profile Options

- `--endeavor-profile | --endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List instances with session specified:
 - `zowe endevor list instances --host hostName --port 8080`

zowe > endevor > list > packages

The list packages command lists package information in CA Endevor SCM

Usage

```
zowe endevor list packages [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

options

- `--status` | `--st` (*string*)
 - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action. It is possible to specify multiple status separated by "," during list and delete package.
Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED
- `--type` | `-t` (*string*)
 - Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.
Allowed values: S, E
- `--enterprise` | `--ent` (*string*)
 - Specify to filter the list by enterprise Package parameter. A - All, E - Enterprise, X - eXclude.
Allowed values: A, E, X
- `--promotion-status` | `--ps` (*string*)
 - Specify to filter the list by promotion Package parameter. A - All, P - Promotion, X - eXclude.
Allowed values: A, P, X
- `--prom-target-env` | `--pte` (*string*)

- Promotion target environment. Specifies the promotion package target environment. This field only applies to promotion packages and can only be specified when the promotion package type is A or P.
- `--prom-target-stgID` | `--pts` (*string*)
 - Promotion target stage ID. Specifies the promotion package target stage ID. This field only applies to promotion packages and can only be specified when the promotion package type is A or P.
- `--approver` | `--apr` (*string*)
 - Specifies a one to eight character approver ID. Only one approver ID can be specified and name masking is not supported.

output customization options

- `--full-output` | `--fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)

- Specifies the port number.
- `--protocol | --prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string
- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all packages in CA Endevor SCM with endevor profile set up:

- `zowe endevor list packages -i ENDEVOR`

[zowe](#) > [endevor](#) > [list](#) > [stages](#)

The list stages command lists stages in CA Endevor SCM

Usage

`zowe endevor list stages [stage] [options]`

Positional Arguments

- `stage` (*string*)
 - Name of the CA Endevor SCM stage

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path` | `--pa` (*string*)
 - Specifies a PHYSical or LOGical path.
Allowed values: log, phy
- `--return` | `--ret` (*string*)
 - Sets mapping options for returned results: return FIRst match or ALL matching results.
Allowed values: fir, all
- `--search` | `--sea` (*boolean*)
 - Enables the search through the CA Endevor SCM map.

output customization options

- `--full-output` | `--fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile` | `--endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile` | `--endeavor-location-p` (*string*)
 - The name of a (endeavor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all stages in CA Endevor SCM with endevor profile set up:

- `zowe endevor list stages -i ENDEVOR`

[zowe](#) > [endevor](#) > [list](#) > [subsystems](#)

The list subsystems command lists subsystem information in CA Endevor SCM

Usage

```
zowe endevor list subsystems [subsystem] [options]
```

Positional Arguments

- `subsystem` (*string*)
 - Name of the CA Endevor SCM subsystem

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: *, %, 1, 2

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path` | `--pa` (*string*)

- Specifies a PHYSical or LOGical path.
 - Allowed values: log, phy
- `--return | --ret (string)`
 - Sets mapping options for returned results: return FIRST match or ALL matching results.
- Allowed values: fir, all
- `--search | --sea (boolean)`
 - Enables the search through the CA Endevor SCM map.

output customization options

- `--full-output | --fo (boolean)`
 - Specify this option if you want a full output of list action.
- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user | --username (string)`

- Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all subsystems in CA Endevor SCM with endevor profile set up:
 - `zowe endevor list subsystems -i ENDEVOR`

[zowe](#) › [endevor](#) › [list](#) › [systems](#)

The list systems command lists system information in CA Endevor SCM

Usage

`zowe endevor list systems [system] [options]`

Positional Arguments

- `system` (*string*)
 - Name of the CA Endevor SCM system

endevor-location definition options

- `--environment` | `--env` (*string*)

- The CA Endevor SCM environment where your project resides.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: *, %, 1, 2
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path` | `--pa` (*string*)
 - Specifies a PHYSical or LOGical path.

Allowed values: log, phy
- `--return` | `--ret` (*string*)
 - Sets mapping options for returned results: return FIRst match or ALL matching results.

Allowed values: fir, all
- `--search` | `--sea` (*boolean*)
 - Enables the search through the CA Endevor SCM map.

output customization options

- `--full-output` | `--fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https
Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile | --endeavor-location-p (string)`
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all systems in CA Endevor SCM with endevor profile set up:
 - `zowe endevor list systems -i ENDEVOR`

[zowe](#) > [endeavor](#) > [list](#) > [types](#)

The list types command lists type information in CA Endevor SCM

Usage

```
zowe endevor list types [type] [options]
```

Positional Arguments

- `type` (*string*)
 - Name of the CA Endevor SCM type

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: *, %, 1, 2

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--path` | `--pa` (*string*)
 - Specifies a PHYSical or LOGical path.
- Allowed values: log, phy
- `--return` | `--ret` (*string*)

- Sets mapping options for returned results: return FIRST match or ALL matching results.
Allowed values: fir, all
- `--search | - - sea` (*boolean*)
 - Enables the search through the CA Endevor SCM map.

output customization options

- `--full-output | --fo` (*boolean*)
 - Specify this option if you want a full output of list action.
- `--suppress-messages | --sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname` (*string*)
 - Specifies the base host name.
- `--port | - p` (*string*)
 - Specifies the port number.
- `--protocol | --prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https
Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all types in CA Endevor SCM with endevor profile set up:

- `zowe endevor list types -i ENDEVOR`

[zowe](#) > [endevor](#) > [move](#)

Move an Element in CA Endevor SCM.

[zowe](#) > [endevor](#) > [move](#) > [element](#)

The move element command moves Elements between inventory locations along a map.

Usage

```
zowe endevor move element <element> [options]
```

Positional Arguments

- `element` (string)
 - Name of the CA Endevor SCM element.

endevor-location definition options

- `--environment` | `--env` (string)

- The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: 1, 2

- `--ccid` | `--cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment` | `--com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--proc-group` | `--pg` (*string*)
 - The CA Endevor SCM processor group you would like to use.
- `--sync` | `-s` (*boolean*)
 - Specify if you want to synchronize source and current level of the Elements while performing this action.
- `--with-history` | `--wh` (*boolean*)

- Specify if you want to preserve the change history of the Elements while performing this action.
- `--bypass-element-delete` | `--bed` (*boolean*)
 - Specify if you want to retain the Elements in the source Stage after successfully completing this action.
- `--retain-signout` | `--rs` (*boolean*)
 - Specify if you want to retain the source location signouts for all Elements at the target location while performing this action.
- `--signout-to` | `--st` (*string*)
 - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.
- `--jump` | `-j` (*boolean*)
 - Specify if you want to move Elements across Environments even if those Elements exist at an intermediate Stage that is not on the map, while performing this action.
- `--where-ccid-all` | `--wca` (*string*)
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current` | `--wcc` (*string*)
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve` | `--wcr` (*string*)
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group` | `--wpg` (*string*)
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`

- The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Move element from specified inventory location with endevor profile set up:

```
◦ zowe endevor move element elementName --env ENV --sn 1 --sys SYS --sub SUB -  
-typ TYPE -i ENDEVOR
```

[zowe](#) › [endevor](#) › [print](#)

Print an Element or a Component in CA Endevor SCM.

[zowe](#) › [endevor](#) › [print](#) › [components](#)

The print component command prints selected component information about Element in CA Endevor SCM.

Usage

```
zowe endevor print components <element> [options]
```

Positional Arguments

- `element` (*string*)

- Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.
Allowed values: 1, 2

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--level` | `--lev` (*number*)
 - Indicates the level number of the element (use along with the version option).
- `--element-version` | `--ev` (*number*)
 - Indicates the version number of the element (use along with the level option).
- `--print-comp` | `--pc` (*string*)
 - Specify the type of data to print out for print component command

Default value: browse

Allowed values: browse, changes, history, summary

- `--search | - - sea (boolean)`
 - Enables the search through the Endevor map.
- `--noheadings | - - nh (boolean)`
 - Specify to not print a header on each page.
- `--explode | - - exp | - - ex (boolean)`
 - Specify to print component info from ACMQ.
- `--where-ccid-current | - - wcc (string)`
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-all | - - wca (string)`
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | - - wcr (string)`
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | - - wpg (string)`
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file | - - tf (string)`
 - File name in which the command output will be stored.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`

- The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Print selected component information about Element with endevor profile set up:

```
◦ zowe endevor print components elementName --env ENV --sn 1 --sys SYS --sub  
SUB --typ TYPE -i ENDEVOR
```

[zowe](#) › [endevor](#) › [print](#) › [element](#)

The print element command prints selected information about Element in CA Endevor SCM.

Usage

```
zowe endevor print element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.

- `--system | --sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem | --sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type | --typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number | --sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.
Allowed values: *, %, 1, 2
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--level | --lev` (*number*)
 - Indicates the level number of the element (use along with the version option).
- `--element-version | --ev` (*number*)
 - Indicates the version number of the element (use along with the level option).
- `--print` (*string*)
 - Specify the type of data to print out for print element command

Default value: browse

Allowed values: browse, changes, history, summary, master, listing
- `--list-string | --ls` (*string*)
 - Specifies the one to eight character text-string used to identify the listing data set to print.

- `--search | --sea` (*boolean*)
 - Enables the search through the Endevor map.
- `--noheadings | --nh` (*boolean*)
 - Specify to not print a header on each page.
- `--explode | --exp | --ex` (*boolean*)
 - Specify to print component info from ACMQ.
- `--where-ccid-current | --wcc` (*string*)
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-all | --wca` (*string*)
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr` (*string*)
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | --wpg` (*string*)
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file | --tf` (*string*)
 - File name in which the command output will be stored.

output customization options

- `--suppress-messages | --sm` (*boolean*)

- Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile` | `--endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile` | `--endeavor-location-p` (*string*)

- The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Print element from specified inventory location with endeavor profile set up:

- `zowe endeavor print element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

[zowe](#) › [endeavor](#) › [queryacm](#)

Query Elements and information about their components in CA Endevor SCM.

[zowe](#) › [endeavor](#) › [queryacm](#) › [components](#)

Query components used by a specified Element with the CA Endevor SCM ACM Query facility.

Usage

```
zowe endeavor queryacm components <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)

- The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: *, %, 1, 2

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--excCirculars` | `--exc` (*boolean*)
 - Filters the result to exclude components that have a circular relationship to the subject of your search.
- `--excIndirect` | `--exi` (*boolean*)
 - Filters the result to exclude indirectly related components.
- `--excRelated` | `--expr` (*boolean*)
 - Filters the result to exclude related components.

output customization options

- `--full-output` | `--fo` (*boolean*)
 - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile` | `--endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.

- `--endeavor-location-profile` | `--endeavor-location-p` (*string*)
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- query all the components used by element "elementName" from the specified inventory location with the endevor profile set up:
 - `zowe endevor queryacm components elementName --env ENVNAME --sn 1 --sys SYSNAME --sub SUBNAME --typ TYPENAME -i ENDEVOR`

[zowe](#) > [endevor](#) > [reset](#)

Reset a Package in CA Endevor SCM.

[zowe](#) > [endevor](#) > [reset](#) > [package](#)

The reset package command lets you set the status of a Package back to In-edit so you can modify it.

Usage

```
zowe endevor reset package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endevor-location definition options

- `--maxrc` (*number*)

- The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile | --endeavor-location-p (string)`

- The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Reset package with endeavor profile set up:
 - `zowe endeavor reset package packageName -i ENDEVOR`

[zowe](#) › [endeavor](#) › [retrieve](#)

Retrieve an Element in CA Endevor SCM.

[zowe](#) › [endeavor](#) › [retrieve](#) › [element](#)

The retrieve element command retrieves an existing element in CA Endevor SCM.

Usage

```
zowe endeavor retrieve element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.

- `--system | --sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem | --sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type | --typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number | --sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.
Allowed values: *, %, 1, 2
- `--ccid | --cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment | --com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--element-version | --ev` (*number*)
 - Indicates the version number of the element (use along with the level option).
- `--level | --lev` (*number*)
 - Indicates the level number of the element (use along with the version option).
- `--override-signout | --os` (*boolean*)
 - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--nosignout | --nsign (boolean)`
 - Specify if you want to perform the action without signing the element out.
- `--replace-member | --replace | --rm (boolean)`
 - Specify if you want to replace the member currently in the library with the new element contents
- `--expand-includes | --expand | --ei (boolean)`
 - Indicates that INCLUDE statements should be expanded in the course of the action.
- `--search | --sea (boolean)`
 - Enables the search through the Endevor map.
- `--where-ccid-all | --wca (string)`
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current | --wcc (string)`
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr (string)`
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | --wpg (string)`
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".
- `--get-fingerprint | --gfg (boolean)`
 - Return fingerprint of a retrieved, added or updated element as the first line of the response.

Default value: false

output location options

- `--to-file | --tf (string)`
 - File name in which the command output will be stored.
- `--to-path | --tp (string)`
 - Provide a USS path to a destination location.
- `--to-uss-file | --tuf (string)`
 - Provide a USS file as a destination file.
- `--to-dataset | --td (string)`
 - Provide a destination data set name.
- `--to-member | --tm (string)`
 - Provide a destination member name inside the data set.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

bulk action options

- `--to-dir | --tdir (string)`
 - Directory name in which the command output will be stored.
- `--flat (boolean)`
 - Store the output of the bulk action within one folder. When you use this option, ensure that the results do not contain duplicate names. (Duplicate names occur when two or more Elements have the same name and type.)
- `--with-dependencies | --wd (boolean)`

- Retrieve Elements, including their CA Endevor SCM-managed input components.
- `--where-ccid-generate` | `--wcg` (*string*)
 - Instructs CA Endevor SCM to search using the generate CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-lastact` | `--wcla` (*string*)
 - Instructs CA Endevor SCM to search using the last action CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-lastlvl` | `--wcll` (*string*)
 - Instructs CA Endevor SCM to search using the last level CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-change` | `--wcchg` (*string*)
 - Instructs CA Endevor SCM to filter the results of the list data summary function that is based on the specified ccids. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.

- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft` (*string*)

- The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Retrieve element from specified inventory location to local file with endevor profile set up:
 - `zowe endevor retrieve element elementName --env ENVNAME --sn 1 --sys SYSNAME --sub SUBNAME --typ TYPENAME --tf localfile.txt -i ENDEVOR`
- Bulk Retrieve elements with wildcarded element name and type, to local directory with endevor profile set up:
 - `zowe endevor retrieve element "*" --env ENVNAME --sn 1 --sys SYSNAME --sub SUBNAME --typ "*" --to-dir /user/localdir -i ENDEVOR`

[zowe](#) > [endevor](#) > [signin](#)

Signin an Element in CA Endevor SCM.

[zowe](#) > [endevor](#) > [signin](#) > [element](#)

The signin element command signs in an existing element in CA Endevor SCM.

Usage

`zowe endevor signin element <element> [options]`

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.
Allowed values: 1, 2
- `--ccid` | `--cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment` | `--com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--proc-group | --pg` (*string*)
 - The CA Endevor SCM processor group you would like to use.
- `--search | --sea` (*boolean*)
 - Enables the search through the Endevor map.
- `--override-signout | --os` (*boolean*)
 - Specify if you want to override the Signout of an Endevor element while performing this action.
- `--signout-to | --st` (*string*)
 - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.
- `--where-ccid-all | --wca` (*string*)
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current | --wcc` (*string*)
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr` (*string*)
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | --wpg` (*string*)
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages | --sm` (*boolean*)

- Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile` | `--endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile` | `--endeavor-location-p` (*string*)

- The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Signin element with endeavor profile set up:

- `zowe endeavor signin element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

[zowe](#) > [endeavor](#) > [submit](#)

Submit a Package or a SCL file in CA Endevor SCM.

[zowe](#) > [endeavor](#) > [submit](#) > [package](#)

The submit package command submits a JCL job stream to execute one or more Packages.

Usage

```
zowe endeavor submit package [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

input sources options

- `--from-file` | `--ff` (*string*)

- Use this input to provide source file.
- `--from-dataset` | `--fd` (*string*)
 - Use this input to provide source data set name.
- `--from-member` | `--fm` (*string*)
 - Use this input to provide source member name in the data set.

output location options

- `--to-CA7` | `--t7` (*boolean*)
 - Specify to send the submission of the package to CA7 scheduler.
- `--to-ddname` | `--tdd` (*string*)
 - Send the submission of the package to be processed according to a DDName specified in the starter task (STC).

options

- `--status` | `--st` (*string*)
 - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action. It is possible to specify multiple status separated by "," during list and delete package.
Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED
- `--multiple-streams` | `--ms` (*boolean*)
 - Specify to submit a separate, unique job for each package. If you do not specify this, a single job with a unique job step for each package is submitted.
- `--increment-jobname` | `--ij` (*boolean*)
 - Specify to increases the last character in the jobcard you provide.
- `--jcl-procedure` | `--jp` (*string*)
 - This option lets you to identify the name of the JCL procedure that you want to invoke. ENDEVOR is used by default if any processor is specified.

- `--CA7-dependent-job` | `--7dj` (*string*)
 - Specifies a single predecessor job which must complete while demanded job is waiting in the CA7 scheduler.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)

- Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p (string)`
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p (string)`
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Submit package using jobcard from local file, with endevor profile set up:

- `zowe endevor submit package packageName --ff jobcardfile.txt -i ENDEVOR`

[zowe](#) > [endevor](#) > [submit](#) > [scl](#)

The submit scl commands submits a SCL file to be executed.

Usage

zowe endevor submit scl [options]

options

- `--scl-file | --sf (string)`
 - The file which contains the CA Endevor SCM SCL you would like to submit.
- `--scl-type | --sclt (string)`
 - The category of CA Endevor SCM SCL.
Allowed values: list, element, package, admin, ship, addUpdRtv

input sources options

- `--from-file | --ff (string)`
 - Use this input to provide source file.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc (number)`
 - The return code of a failed action
- `--instance | -i (string)`
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`

- Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
- Default value: https
- Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)

- The value of the token to pass to the API.

Examples

- Submit a SCL of type element, with endevor profile set up:

```
○ zowe endevor submit scl --sf sclfile.txt --sclt element -i ENDEVOR
```

[zowe](#) > [endevor](#) > [transfer](#)

Transfer an Element in CA Endevor SCM.

[zowe](#) > [endevor](#) > [transfer](#) > [element](#)

The Transfer element command transfers Elements from one CA Endevor SCM location to another.

Usage

```
zowe endevor transfer element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endevor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)

- The CA Endevor SCM stage number where your project resides.
Allowed values: 1, 2
- `--ccid | --cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment | --com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance | -i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

output location options

- `--to-environment | --toenv` (*string*)
 - The target CA Endevor SCM environment.
- `--to-system | --tosys` (*string*)
 - The target CA Endevor SCM system.
- `--to-subsystem | --tosub` (*string*)
 - The target CA Endevor SCM subsystem.
- `--to-element | --toele` (*string*)
 - The target CA Endevor SCM element name.
- `--to-type | --totyp` (*string*)
 - The target CA Endevor SCM element type.
- `--to-stage-number | --tosn` (*string*)
 - The target CA Endevor SCM stage Id/number.

options

- `--proc-group | --pg (string)`
 - The CA Endevor SCM processor group you would like to use.
- `--element-version | --ev (number)`
 - Indicates the version number of the element (use along with the level option).
- `--level | --lev (number)`
 - Indicates the level number of the element (use along with the version option).
- `--new-version | --nv (number)`
 - Assign a different version number to the Element.
- `--sync | -s (boolean)`
 - Specify if you want to synchronize source and current level of the Elements while performing this action.
- `--with-history | --wh (boolean)`
 - Specify if you want to preserve the change history of the Elements while performing this action.
- `--ignore-generate-failed | --igf (boolean)`
 - Process the transfer request regardless of whether the FAILED flag is set for the element or if the element was generated or moved successfully.
- `--bypass-element-delete | --bed (boolean)`
 - Specify if you want to retain the Elements in the source Stage after successfully completing this action.
- `--bypass-delete-proc | --bdp (boolean)`
 - Specity to bypasses the execution of the delete processor.
- `--bypass-generate-proc | --bgp (boolean)`
 - Specify to bypasses the execution of the generate or move processor (whichever may be chosen) upon element transfer.
- `--retain-signout | --rs (boolean)`

- Specify if you want to retain the source location signouts for all Elements at the target location while performing this action.
- `--signout-to` | `--st` (*string*)
 - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.
- `--jump` | `-j` (*boolean*)
 - Specify if you want to move Elements across Environments even if those Elements exist at an intermediate Stage that is not on the map, while performing this action.
- `--where-proc-group` | `--wpg` (*string*)
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".
- `--where-ccid-all` | `--wca` (*string*)
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current` | `--wcc` (*string*)
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve` | `--wcr` (*string*)
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
Default value: https
Allowed values: http, https
- `--user | --username (string)`
 - Specifies the user name.
- `--password | --pass (string)`
 - Specifies the user's password.
- `--reject-unauthorized | --ru (boolean)`
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp (string)`
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile | --endeavor-p (string)`
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile | --endeavor-location-p (string)`
 - The name of a (endeavor-location) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Transfer element from specified inventory location to 1 stage higher in map, with endevor profile set up:

- `zowe endevor transfer element elementName --env ENV --sn 1 --totsn 2 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

[zowe](#) > [endevor](#) > [update](#)

Update an Element or a Package in CA Endevor SCM.

[zowe](#) > [endevor](#) > [update](#) > [element](#)

The update element command updates an Element in the entry Stage, thereby creating a new level for the Element in the entry Stage.

Usage

```
zowe endevor update element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

input sources options

- `--from-file` | `--ff` (*string*)
 - Use this input to provide source file.
- `--from-dataset` | `--fd` (*string*)

- Use this input to provide source data set name.
- `--from-member` | `--fm` (*string*)
 - Use this input to provide source member name in the data set.
- `--from-path` | `--fp` (*string*)
 - Use this input to provide the path of source USS file. It must be used with from-uss-file.
- `--from-uss-file` | `--fuf` (*string*)
 - Use this input to provide source USS file name. It must be used with from-path

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--ccid` | `--cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment` | `--com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--override-signout | --os (boolean)`
 - Specify if you want to override the Signout of an Endevor element while performing this action.
 - `--proc-group | --pg (string)`
 - The CA Endevor SCM processor group you would like to use.
 - `--generate | -g (boolean)`
 - Specifies if you want to Generate Element after Add/Update action.
 - `--get-fingerprint | --gfg (boolean)`
 - Return fingerprint of a retrieved, added or updated element as the first line of the response.
- Default value: false
- `--fingerprint | --fg (string)`
 - Specifies the fingerprint of the element to Add or Update. Use value 'NEW' when adding a new element that shouldn't exist in the map yet.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name | --fn (string)`
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host | --hostname (string)`
 - Specifies the base host name.
- `--port | -p (string)`
 - Specifies the port number.
- `--protocol | --prot (string)`

- Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user | --username` (*string*)
 - Specifies the user name.
- `--password | --pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path | --bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile | --endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile | --endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Update element from local file with endevor profile set up:

- `zowe endevor update element elementName --env ENV --sys SYS --sub SUB --typ TYPE --ff localfile.txt -i ENDEVOR`

[zowe](#) > [endevor](#) > [update](#) > [package](#)

The update package command lets you update a package in CA Endevor SCM.

Usage

`zowe endevor update package [package] [options]`

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

input sources options

- `--from-file` | `--ff` (*string*)
 - Use this input to provide source file.
- `--from-dataset` | `--fd` (*string*)
 - Use this input to provide source data set name.
- `--from-member` | `--fm` (*string*)
 - Use this input to provide source member name in the data set.
- `--from-package` | `--fp` (*string*)
 - Directs the Create/Update action to copy the SCL from the package you specify into the package you are creating or updating.
- `--from-text` | `--ft` (*string*)
 - Provides a string to use as input SCL.

options

- `--description` | `-d` (*string*)
 - Allows you to associate a 50-character description when creating package.

- `--from-date-time` | `--fdt` (*string*)
 - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--to-date-time` | `--tdt` (*string*)
 - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.
- `--nobackout` | `--nb` (*boolean*)
 - Specify this option to NOT have backout facility available for this package.
- `--notes-from-file` | `--nff` (*string*)
 - Local file of notes for approve/deny package.
- `--type` | `-t` (*string*)
 - Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.

Allowed values: S, E
- `--sharable` | `--sh` (*boolean*)
 - Specify this option if the package can be edited by more than one person when in In-edit status.
- `--append` | `-a` (*boolean*)
 - Specify this option to append the SCL you are adding to the existing package SCL. Otherwise it would be replaced.
- `--promotion` | `--pr` (*boolean*)
 - Specify this option to define the package as a promotion package.
- `--novalidate-scl` | `--nvs` (*boolean*)
 - Specify this option to NOT validate the package components while creating a package.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)

- Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)

- Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Update package from local file with endevor profile set up:

- `zowe endevor update package packageName --ff localfile.txt -i ENDEVOR`

[zowe](#) > [endevor](#) > [view](#)

View an Element or a Package SCL in CA Endevor SCM.

[zowe](#) > [endevor](#) > [view](#) > [element](#)

The view element command views an existing element in CA Endevor SCM.

Usage

```
zowe endevor view element <element> [options]
```

Positional Arguments

- `element` (*string*)
 - Name of the CA Endevor SCM element.

endeavor-location definition options

- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides.
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where your project resides.
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your project resides.
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type.
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage number where your project resides.

Allowed values: 1, 2

- `--ccid` | `--cci` (*string*)
 - The CCID you want to use when performing an Element action.
- `--comment` | `--com` (*string*)
 - The comment you want to have when performing an Element action
- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

options

- `--element-version` | `--ev` (*number*)

- Indicates the version number of the element (use along with the level option).
- `--level | --lev (number)`
 - Indicates the level number of the element (use along with the version option).
- `--search | --sea (boolean)`
 - Enables the search through the Endevor map.
- `--where-ccid-all | --wca (string)`
 - Instructs CA Endevor SCM to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-current | --wcc (string)`
 - Instructs CA Endevor SCM to search through the CCID fields in the Master Control File to find a specified CCIDs. Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-ccid-retrieve | --wcr (string)`
 - Instructs CA Endevor SCM to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.
- `--where-proc-group | --wpg (string)`
 - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file | --tf (string)`
 - File name in which the command output will be stored.

output customization options

- `--suppress-messages | --sm (boolean)`
 - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API

Default value: https

Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)
 - Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endeavor-profile` | `--endeavor-p` (*string*)
 - The name of a (endeavor) profile to load for this command execution.
- `--endeavor-location-profile` | `--endeavor-location-p` (*string*)
 - The name of a (endeavor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View element from specified inventory location to local file with endevor profile set up:

- `zowe endevor view element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE --tf localfile.txt -i ENDEVOR`

[zowe](#) › [endevor](#) › [view](#) › [pkgscl](#)

The view pkgscl command views the SCL of an existing package in CA Endevor SCM.

Usage

```
zowe endevor view pkgscl [package] [options]
```

Positional Arguments

- `package` (*string*)
 - Name of the CA Endevor SCM package.

endevor-location definition options

- `--maxrc` (*number*)
 - The return code of a failed action
- `--instance` | `-i` (*string*)
 - Specifies CA Endevor SCM Web Services dataSource name.

output location options

- `--to-file` | `--tf` (*string*)
 - File name in which the command output will be stored.

output customization options

- `--suppress-messages` | `--sm` (*boolean*)
 - Suppress all [INFO]/[WARN] messages from terminal output.
- `--file-name` | `--fn` (*string*)
 - File name for saving output messages from CA Endevor SCM locally.

endeavor session definition options

- `--host` | `--hostname` (*string*)
 - Specifies the base host name.
- `--port` | `-p` (*string*)
 - Specifies the port number.
- `--protocol` | `--prot` (*string*)
 - Specifies the protocol used for connecting to CA Endevor SCM Rest API
 - Default value: https
 - Allowed values: http, https
- `--user` | `--username` (*string*)
 - Specifies the user name.
- `--password` | `--pass` (*string*)
 - Specifies the user's password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` (*string*)

- Specifies the base path used for connecting to CA Endevor SCM Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--endevor-location-profile` | `--endevor-location-p` (*string*)
 - The name of a (endevor-location) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View SCL of package "packageName" in the console with endevor profile set up:
 - `zowe endevor view pkgscl packageName -i ENDEVOR`

[zowe](#) › [endeavor-bridge-for-git](#)

Use the CA Endevor Bridge for Git plug-in to manage your Git-Endevor mappings and build your local Git changes before synchronizing them to Endevor.

[zowe](#) › [endeavor-bridge-for-git](#) › [build](#)

Build changes from git local repository in Endevor

[zowe](#) › [endeavor-bridge-for-git](#) › [build](#) › [execute](#)

Build changes against remote git repository's CA Endevor Bridge for Git synchronized branch, using work area or build subsystem. It does not support autogen for building dependencies.

Usage

```
zowe endevor-bridge-for-git build execute [options]
```

Required Options

- `--endeavor-instance` | `--endeavori` (*string*)
 - The CA Endevor Web Services dataSource name.

Endevor work area options

- `--work-area-id` | `--waid` (*string*)
 - Endevor work area ID. Name-masking is not allowed.
- `--endeavor-subsystem` | `--endeavorsub` (*string*)
 - The CA Endevor SCM build subsystem. Note: The build subsystem can be cleared without prior permission.
- `--endeavor-environment` | `--endevorenv` (*string*)
 - The CA Endevor SCM environment where your build subsystem resides.
- `--endeavor-system` | `--endevorsys` (*string*)
 - The CA Endevor SCM system where your build subsystem resides.

Options

- `--work-dir` | `--wd` (*string*)
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./
- `--listing-dir` (*string*)
 - Specify the directory where you would like to have your build outputs downloaded
Default value: .endeavor/listings
- `--listing-rc` (*number*)
 - All the elements that have a generate result equal to or greater than "listing-rc" will have their build outputs downloaded into "listing-dir"
Default value: 4
- `--force-cleanup` | `--fc` (*boolean*)
 - Starts the build process after cleaning the build subsystem.
Default value: false

Endevor options (alternatively use an 'endeavor' profile)

- `--endeavor-protocol` | `--endeavorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.
Default value: http
Allowed values: http, https
- `--endeavor-host` | `--endeavorh` (*string*)
 - The Endevor Rest API hostname.
- `--endeavor-port` | `--endevorport` (*number*)
 - The Endevor Rest API port.
- `--endeavor-user` | `--endeavoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.
Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Compile the changed elements in the current Git working directory using the work area "WORKAREA1" and an existing Endevor profile:

- `zowe endevor-bridge-for-git build execute --endevor-instance INSTANCE --work-area-id WORKAREA1`
- Compile the changed elements in the current Git working directory using the build subsystem "SUBNAME" and an existing Endevor profile:
 - `zowe endevor-bridge-for-git build execute --endevor-instance INSTANCE --endevor-subsystem SUBNAME --endevor-environment ENVNAME --endevor-system SYSNAME`

[zowe](#) > [endevor-bridge-for-git](#) > [build](#) > [job-report](#)

Get the report after executing 'build job-submit' command. This command must be issued to finalize processing.

Usage

```
zowe endevor-bridge-for-git build job-report [options]
```

Required Options

- `--endevor-instance` | `--endevori` (*string*)
 - The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` (*string*)
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./
- `--listing-dir` (*string*)
 - Specify the directory where you would like to have your build outputs downloaded
Default value: .endevor/listings
- `--listing-rc` (*number*)
 - All the elements that have a generate result equal to or greater than "listing-rc" will have their build outputs downloaded into "listing-dir"
Default value: 4

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.
Default value: http
Allowed values: http, https
- `--endevor-host` | `--endevorh` (*string*)
 - The Endevor Rest API hostname.
- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.
Default value: EndevorService/rest

z/OSMF connection options (alternatively use a 'zosmf' profile)

- `--zosmf-host` | `--zosmfh` (*string*)
 - The z/OSMF server host name.
- `--zosmf-port` | `--zosmfp` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--zosmf-user` | `--zosmfu` (*string*)
 - Mainframe (z/OSMF) username, which can be the same as your TSO login.
 - `--zosmf-password` | `--zosmfpass` | `--zosmfpw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--zosmf-reject-unauthorized` | `--zosmfru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--zosmf-base-path` | `--zosmfbp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)

- User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get the reports from the build job submitted by 'build job-submit' command from git working directory "/endevor/ebg/repository" using existing Endevor and z/OSMF profiles:
 - `zowe endevor-bridge-for-git build job-report --wd "C:\endevor\ebg\dir"`

[zowe](#) > [endevor-bridge-for-git](#) > [build](#) > [job-submit](#)

Build changes from git local repository in Endevor by submitting a job. It supports autogen for building dependencies using with the option of selecting autogen span. After submitting, the command 'build job-report' must be issued to finalize processing.

Usage

```
zowe endevor-bridge-for-git build job-submit [options]
```

Required Options

- `--endevor-instance` | `--endevori` (*string*)
 - The CA Endevor Web Services dataSource name.
- `--skeleton-jcl` | `--sjcl` (*string*)
 - The path of the file of skeleton JCL to submit endevor scl statements. Download it from: <https://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ca-mainframe-software/devops/ca-endevor-integrations-for-enterprise-devops/1-0/ca-endevor-bridge-for-git/set-up-and-run-the-ca-endevor-bridge-for-git/configuration-for-build-using-zowe-cli.html>

Endevor work area options

- `--work-area-id` | `--waid` (*string*)
 - Endevor work area ID. Name-masking is not allowed.
- `--endevor-subsystem` | `--endevorsub` (*string*)
 - The CA Endevor SCM build subsystem. Note: The build subsystem can be cleared without prior permission.

- `--endevor-environment` | `--endevorenv` (*string*)
 - The CA Endevor SCM environment where your build subsystem resides.
- `--endevor-system` | `--endevorsys` (*string*)
 - The CA Endevor SCM system where your build subsystem resides.

Options

- `--work-dir` | `--wd` (*string*)
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./
- `--force-cleanup` | `--fc` (*boolean*)
 - Starts the build process after cleaning the build subsystem.
Default value: false
- `--autogen-span` | `--ags` (*string*)
 - Specifies the autogen action option to automatically generate using elements. The allowed values which have the following meaning: NONE - Generates all elements that use the component being acted upon. ALL - Generates using elements that are found in any System and Subsystem combinations within the Environment and Stage of the component's logical map. SYSTEMS - Generates using elements that are found in any System, provided the element's Subsystem name matches the name of the Subsystem of the target component. SUBSYSTEMS - Generates using elements from all Subsystems with the same-named System of the component specified.
Default value: NONE
Allowed values: NONE, ALL, SYSTEMS, SUBSYSTEMS

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.
Default value: http
Allowed values: http, https

- `--endevor-host` | `--endevorh` (*string*)
 - The Endevor Rest API hostname.
- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.

Default value: EndevorService/rest

z/OSMF connection options (alternatively use a 'zosmf' profile)

- `--zosmf-host` | `--zosmfh` (*string*)
 - The z/OSMF server host name.
- `--zosmf-port` | `--zosmfp` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--zosmf-user` | `--zosmfu` (*string*)
 - Mainframe (z/OSMF) username, which can be the same as your TSO login.
- `--zosmf-password` | `--zosmfpass` | `--zosmfpw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zosmfru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--zosmf-base-path` | `--zosmfbp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Compile the changed elements at "/endevor/ebg/repository" using work area with ID "WORKAREA1", jcl skeleton at "/endevor/jcl/jcl.txt" and existing Endevor and z/OSMF profiles:

- `zowe endevor-bridge-for-git build job-submit --skeleton-jcl /endevor/jcl/jcl.txt --work-area-id WORKAREA1 --work-dir /endevor/ebg/repository`
- Compile the changed elements at "/endevor/ebg/repository" using build subsystem "SUBNAME", jcl skeleton at "/endevor/jcl/jcl.txt" and existing Endevor and z/OSMF profiles:
 - `zowe endevor-bridge-for-git build job-submit --skeleton-jcl /endevor/jcl/jcl.txt --endevor-subsystem SUBNAME --endevor-environment ENVNAME --endevor-system SYSNAME --work-dir /endevor/ebg/repository`

[zowe](#) > [endevor-bridge-for-git](#) > [endevor-credentials](#)

Manage your Endevor credentials stored in CA Endevor Bridge for Git.

[zowe](#) > [endevor-bridge-for-git](#) > [endevor-credentials](#) > [update](#)

Update your Endevor credentials for a Git-Endevor mapping.

Usage

```
zowe endevor-bridge-for-git endevor-credentials update <context> <mapping> [options]
```

Positional Arguments

- `context (string)`
 - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).
- `mapping (string)`
 - Git-Endevor mapping name (ID of the Git repository).

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-user | --endevoru (string)`
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password | --endevorpass | --endevorpw (string)`
 - Mainframe (Endevor) password, which can be the same as your TSO password.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).
- `--token` | `-t` (*string*)
 - Git personal access token (it can be obtained from your Git Enterprise Server).
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` (*string*)
 - The name of a (ebg) profile to load for this command execution.
- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` (*string*)

- Password to authenticate to service on the mainframe.
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Update the Endevor credentials for the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:
 - `zowe endevor-bridge-for-git endevor-credentials update MY-CONTEXT MY-MAPPING`
- Update the Endevor credentials for the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG profile but not using an Endevor profile:
 - `zowe endevor-bridge-for-git endevor-credentials update MY-CONTEXT MY-MAPPING --endevor-user my-user --endevor-password my-password`

[zowe](#) › [endevor-bridge-for-git](#) › [mapping](#)

Manage the Git-Endevor mappings.

[zowe](#) › [endevor-bridge-for-git](#) › [mapping](#) › [add-element](#)

Add an element from up the map in your CA Endevor to your Git repository.

Usage

```
zowe endevor-bridge-for-git mapping add-element <context> <mapping> [options]
```

Positional Arguments

- `context` (*string*)
 - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).
- `mapping` (*string*)

- Git-Endevor mapping name (ID of the Git repository).

Options

- `--elementName` | `--name` (*string*)
 - The name of the CA Endevor element you want to add.
- `--elementType` | `--type` (*string*)
 - The type of the CA Endevor element you want to add
- `--endevor-system` | `--endevorsys` (*string*)
 - The CA Endevor system where your element resides.
- `--endevor-subsystem` | `--endevorsub` (*string*)
 - The CA Endevor subsystem where your element resides.
- `--withDependencies` (*boolean*)
 - If specified, the requested element will be added with dependencies (eg. COBOL copybooks).

Default value: false
- `--force-get-dependencies` | `--force` (*boolean*)
 - If specified, the maximum number of dependencies will be bypassed. This only applies to the repository administrator.

Default value: false
- `--validate` (*boolean*)
 - If specified, the requested elements will be validated against CA Endevor.

Default value: false
- `--branchId` (*string*)
 - If specified, the requested elements will be added to the selected branch.
- `--all-branches` (*boolean*)
 - If specified, the requested elements will be added to all synchronized branches in your repository.

Default value: false

- `--file` | `--fn` (*local file path*)
 - If specified, the elements to add will be read from file. Make sure that the file is in the correct format as specified in the documentation.

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.

Default value: http
Allowed values: http, https
- `--endevor-host` | `--endevorh` (*string*)
 - The Endevor Rest API hostname.
- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.

Default value: EndevorService/rest

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)

- The Endevor Bridge for Git SCM protocol.

Default value: http

Allowed values: http, https

- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).
- `--token` | `-t` (*string*)
 - Git personal access token (it can be obtained from your Git Enterprise Server).
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` (*string*)
 - The name of a (ebg) profile to load for this command execution.
- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Add an element 'MY-ELEMENT-TYPE / MY-ELEMENT-NAME' for your mapping 'MY-CONTEXT / MY-MAPPING':
 - `zowe endevor-bridge-for-git mapping add-element MY-CONTEXT MY-MAPPING --name MY-ELEMENT-NAME --type MY-ELEMENT-TYPE`
- Add multiple elements for your mapping 'MY-CONTEXT / MY-MAPPING' from file:
 - `zowe endevor-bridge-for-git mapping add-element MY-CONTEXT MY-MAPPING --fileName MY-FILEPATH.json`

[zowe](#) › [endevor-bridge-for-git](#) › [mapping](#) › [create](#)

Create a Git-Endevor mapping

Usage

`zowe endevor-bridge-for-git mapping create [options]`

Options

- `--remote-url` | `--url` (*string*)
 - Git repository remote URL
- `--endevor-instance` | `--endevori` (*string*)
 - The CA Endevor Web Services dataSource name.
- `--endevor-system` | `--endevorsys` (*string*)
 - The CA Endevor system where your project resides.
- `--endevor-subsystem` | `--endevorsub` (*string*)
 - The CA Endevor subsystem where your project resides.

- `--endevor-environment` | `--endevorenv` (*string*)
 - The CA Endevor environment where your project resides.
- `--branch` | `-b` (*string*)
 - Name of the synchronized branch in the Git repository.
Default value: master
- `--only-work-environment` (*boolean*)
 - If specified, only elements from the Endevor work environment will be synchronized.
Default value: false
- `--read-only` (*boolean*)
 - If specified, it is necessary to use the option `--endevor-stage-number`. The synchronized elements will be read-only.
- `--endevor-stage-number` | `--endevorsn` (*string*)
 - The CA Endevor stage where your project resides (only for read only mappings).
- `--json-file` | `--json` (*local file path*)
 - Mapping JSON file to import

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.
Default value: http
Allowed values: http, https
- `--endevor-host` | `--endevorh` (*string*)
 - The Endevor Rest API hostname.
- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)

- Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.
Default value: EndevorService/rest

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).
- `--token` | `-t` (*string*)
 - Git personal access token (it can be obtained from your Git Enterprise Server).
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` (*string*)
 - The name of a (ebg) profile to load for this command execution.
- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:
 - `zowe endevor-bridge-for-git mapping create --remote-url https://git-server-enterprise.com/my-context/my-mapping.git --endevor-instance INSTANCE --endevor-environment ENVNAME --endevor-system SYSNAME --endevor-subsystem SUBNAME`
- Create the read-only Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:
 - `zowe endevor-bridge-for-git mapping create --remote-url https://git-server-enterprise.com/my-context/my-mapping.git --endevor-instance INSTANCE --`

```
endeavor-environment ENVNAME --endeavor-system SYSNAME --endeavor-subsystem  
SUBNAME --read-only --endeavor-stage-number 2
```

- Create the Git-Endevor mapping with importing a mapping file:
 - `zowe endevor-bridge-for-git mapping create --json-file my-mapping.json`

[zowe](#) > [endeavor-bridge-for-git](#) > [mapping](#) > [delete](#)

Delete a Git-Endevor mapping

Usage

```
zowe endevor-bridge-for-git mapping delete <context> <mapping> [options]
```

Positional Arguments

- `context` (*string*)
 - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).
- `mapping` (*string*)
 - Git-Endevor mapping name (ID of the Git repository).

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).

- `--token | -t (string)`
 - Git personal access token (it can be obtained from your Git Enterprise Server).
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: false

Profile Options

- `--ebg-profile | --ebg-p (string)`
 - The name of a (ebg) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Delete the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG profile:
 - `zowe endevor-bridge-for-git mapping delete MY-CONTEXT MY-MAPPING`

[zowe](#) › [endevor-bridge-for-git](#) › [mapping](#) › [list](#)

List Git-Endevor mappings. If the mapping contains multiple systems and/or subsystems, the field 'system' and 'subsystem' will contain the value 'multi'.

Usage

zowe endevor-bridge-for-git mapping list [options]

Options

- `--view | -v (string)`
 - Type of detail to be displayed.
Default value: default
Allowed values: default, endevor, all
 - `--export (boolean)`
 - Export list of mapping to a json file.
Default value: false
-
- CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)**
- `--protocol | --prot (string)`
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
 - `--host | -H (string)`
 - The Endevor Bridge for Git hostname.
 - `--port | -P (number)`
 - The Endevor Bridge for Git port.
 - `--user | -u (string)`
 - Endevor Bridge for Git username (your git username).
 - `--token | -t (string)`
 - Git personal access token (it can be obtained from your Git Enterprise Server).
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` (*string*)
 - The name of a (ebg) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all the Git-Endevor mappings using the default EBG profile:

- `zowe endevor-bridge-for-git mapping list`

- List all the Git-Endevor mappings and show their Endevor details using the default EBG profile:

- `zowe endevor-bridge-for-git mapping list --view endevor`

- List all the Git-Endevor mappings and show all their details using the default EBG profile:

- `zowe endevor-bridge-for-git mapping list --view all`

- List all the Git-Endevor mappings without an EBG profile:

- `zowe endevor-bridge-for-git mapping list --protocol http --host my-host --port 8080 --user my-git-username --token 1234567890`

[zowe](#) › [endevor-bridge-for-git](#) › [work-area](#)

Use an Endevor work area from the list defined by your administrator.

[zowe](#) › [endevor-bridge-for-git](#) › [work-area](#) › [list](#)

List Endevor work areas.

Usage

```
zowe endevor-bridge-for-git work-area list [work-area-id] [options]
```

Positional Arguments

- `work-area-id (string)`

- Specify to list only one Endevor work area ID. Name-masking is not allowed.

Options

- `--work-dir | --wd (string)`
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Show the details of all the work areas in the current working directory:
 - `zowe endevor-bridge-for-git work-area list`

- Show the details of work area with ID "WORKAREA1":

- `zowe endevor-bridge-for-git work-area list WORKAREA1`

[zowe](#) > [endevor-bridge-for-git](#) > [work-area](#) > [reserve](#)

Reserve the first found available Endevor work area. When success, returns the reserved work area id

Usage

```
zowe endevor-bridge-for-git work-area reserve [work-area-id] [options]
```

Positional Arguments

- `work-area-id` (*string*)
 - Reserve the Endevor work area with the ID specified. Name-masking is not allowed.

Required Options

- `--endevor-instance` | `--endevori` (*string*)
 - The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` (*string*)
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)

- The CA Endevor SCM Rest API protocol.

- Default value: http

- Allowed values: http, https

- `--endevor-host` | `--endevorh` (*string*)

- The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.
Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.

- `--password | --pass | --pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Reserve the first found available Endevor work area using an existing Endevor profile:
 - `zowe endevor-bridge-for-git work-area reserve --endevor-instance ENDEVOR`
- Reserve the work area with ID "WORKAREA1", if available, using an existing Endevor profile:
 - `zowe endevor-bridge-for-git work-area reserve WORKAREA1 --endevor-instance ENDEVOR`

[zowe](#) › [endevor-bridge-for-git](#) › [work-area](#) › [unreserve](#)

Unreserve an Endevor work area.

Usage

```
zowe endevor-bridge-for-git work-area unreserve <work-area-id> [options]
```

Positional Arguments

- `work-area-id` (*string*)
 - Endevor work area ID. Name-masking is not allowed.

Required Options

- `--endevor-instance | --endevori` (*string*)

- The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` (*string*)
 - The local working directory of your Git-Endevor mapping that you are building.
Default value: ./

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` (*string*)
 - The CA Endevor SCM Rest API protocol.
Default value: http
Allowed values: http, https
- `--endevor-host` | `--endevorh` (*string*)
 - The Endevor Rest API hostname.
- `--endevor-port` | `--endevorp` (*number*)
 - The Endevor Rest API port.
- `--endevor-user` | `--endevoru` (*string*)
 - Mainframe (Endevor) username, which can be the same as your TSO login.
- `--endevor-password` | `--endevorpass` | `--endevorpw` (*string*)
 - Mainframe (Endevor) password, which can be the same as your TSO password.
- `--endevor-reject-unauthorized` | `--endevorru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--endevor-base-path` | `--endevorbp` (*string*)
 - The CA Endevor SCM Rest API base path.
Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` (*string*)
 - The name of a (endevor) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Unreserve work area with id "WORKAREA1" using an existing Endevor profile:

- zowe endevor-bridge-for-git work-area unreserve WORKAREA1 --endevor-instance ENDEVOR

[zowe](#) › [file-master-plus](#)

CA File Master Plus command line interface is a file management and data manipulation tool. It speeds up file creation and manipulates virtual storage access method (VSAM), sequential and partitioned data sets. It also supports symbolic access to data via layouts and data manipulation like selection of records in data sets.

[zowe](#) › [file-master-plus](#) › [copy](#)

Copy data from a data set and optionally filter or modify the copied data by using selection criteria.

[zowe](#) › [file-master-plus](#) › [copy](#) › [data-set](#)

Copy from a data set to another data set. If the <to> data set does not exist, CA File Master Plus automatically creates a new data set using the attributes of <from> data set. It supports all data set types that are supported by CA File Master Plus.

Usage

```
zowe file-master-plus copy data-set <from> <to> [options]
```

Positional Arguments

- `from (string)`
 - Specifies the name of the data set to copy from.
- `to (string)`
 - Specifies the name of the data set to copy to.

Options

- `--members | -m (array)`
 - Specifies the members that you want to copy from the data set. To rename the member, specify a new member name after the delimiter ','.If this parameter is not specified all the members are copied. Note: This parameter only applies to a PDS or PDSE. Example: --mem mem1,newmem1 mem2. Here 'mem2' is copied as it is, and 'mem1' is renamed as 'newmem1'.

- `--generation | -g (string)`
 - Specifies the PDSE V2 generation number that you want to copy from the data set from.
Note: This parameter should only be specified if data set from is PDSEV2. If not specified and data set from is a PDSE V2 then current generation, i.e. generation 0, is copied. If generation is negative specifies Relative generation, positive specifies Absolute generation, * specifies all generations and 0 specifies current generation. Example1: --generation *. All generations of member(s) is copied. Example2: --generation -1. Relative generation -1 of member(s) is copied. Example3: --generation 4. Absolute generation 4 of member(s) is copied. Allowed values: '*',range from -2000000000 to 2000000000'
- `--replace | -r (string)`
 - Replace resource-specific items in the target data set. Note: Used only if the target data set is a PDS or a VSAM KSDS. Example: -r n.

Default value: y

Allowed values: y, n
- `--static-selection-criteria | --ssc (string)`
 - Specifies the name of pre-defined CA File Master Plus selection criteria. The name refers to a member in the defaultselection criteria data set as defined in the FMM_CLIST parameter in CA File Master Plus server. Example: --ssc testcri
- `--dynamic-selection-criteria | --dsc (string)`
 - Specifies path of the .txt file where the dynamic selection criteria exist. Ensure the format of the file is identical to the static selection criteria created by CA File Master Plus. If the selection criteria refer to field names in a Cobol or PL/I copybook, use the --layout-member and --layout-data-set parameters to name the copybook location. Example: --dsc/selcri/testcri.txt
- `--layout-member | --lm (string)`
 - Specifies name of the Cobol or PL/I copybook. Example: -lm testlay.
- `--layout-data-set | --lds (string)`
 - Specifies name of the data set that contains the layout member. Example: -lds fmmvs.layout.dataset.

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Copying a data set:
 - `zowe file-master-plus copy data-set fmmvs.pds1 fmmvs.pds2`
- Copying a data set with dynamic selection criteria:
 - `zowe file-master-plus copy data-set fmmvs.from.ps fmmvs.to.ps --lds fmmvs.layout.dataset --lm testlay --dsc ./fmmvs/selcri/testcri`
- Copying a PDSE V2 data set with all generations:
 - `zowe file-master-plus copy data-set fmmvs.from.psdsev2 fmmvs.to.psdsev2 --generation *`

[zowe](#) › [file-master-plus](#) › [create](#)

Create a data set.

[zowe](#) › [file-master-plus](#) › [create](#) › [large-format-sequential](#)

Create a large format sequential data set.

Usage

```
zowe file-master-plus create large-format-sequential <name> [options]
```

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model | -m (string)`
 - Specifies the name of a model large format sequential data set name for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--logical-record-length | --lrecl | --lrl (number)`
 - Specifies the length of the logical record. Allowed values: 1-32760 Default value: 80
Example: `--lrecl 80`
- `--block-size | --blksize | --bs (number)`
 - Specifies the size of the block of records. Allowed values: 1-32760 Default value: 6160
Example: `--blksize 6160`
- `--record-format | --recfm | --rf (string)`
 - Specifies the record format. The allowed values which have the following meaning: F - Fixed-length records V - Variable-length records U - Undefined-length records B - Records are blocked A - Records contain ASCII printer control characters M - Records contain machine code control characters S - For variable-length records, records may span blocks T - Records may be written into overflow tracks Default value: FB Example: `--recfm FB`
Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT
- `--space-units | --su (string)`
 - Specifies the space allocation unit. The allowed values which have the following meaning: TRK - Tracks CYL - Cylinders BLK - Blocksize Default value: CYL Example: `--su blk`
Allowed values: TRK, CYL, BLK
- `--primary-space | --ps (number)`
 - Specifies primary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: `--ps 3`
- `--secondary-space | --ss (number)`
 - Specifies secondary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: `--ss 5`

- `--volume | -v (array)`
 - Specifies a disk volume or specific tapes. Example: `-v vol002`
- `--unit-type | --ut (string)`
 - Specifies the DASD unit name. Example: `--ut sysda`
- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: `--ed 2032-07-31`
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: `--sc scl002`
- `--management-class | --mc (string)`
 - Specifies the management class. Example: `--mc mcl002`
- `--data-class | --dc (string)`
 - Specifies the data class. Example: `--dc dcl002`

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.

Default value: https

Allowed values: http, https

- `--reject-unauthorized | --ru` (*boolean*)

- Reject self-signed certificates.

Default value: true

- `--base-path | --bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p` (*string*)

- The name of a (fmp) profile to load for this command execution.

- `--base-profile | --base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value | --tv` (*string*)

- The value of the token to pass to the API.

Examples

- Creating a large format sequential data set with default option values:

- `zowe file-master-plus create large-format-sequential fmmvs.test.dsname`

- Creating a large format sequential data set with options:

- `zowe file-master-plus create large-format-sequential fmmvs.test.dsname --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed`

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- Creating a large format sequential data set like a model large format sequential data set:
 - `zowe file-master-plus create large-format-sequential fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a large format sequential data set like a model large format sequential data set and overriding the parameters with options:
 - `zowe file-master-plus create large-format-sequential fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm VB --ps 5 --ss 5 --ed p`

[zowe](#) › [file-master-plus](#) › [create](#) › [like-model](#)

Create a data set by allocating parameters from a model data set.

Usage

```
zowe file-master-plus create like-model <name> <model> [options]
```

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.
- `model` (*string*)
 - Specifies the name of the model data set.

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
- `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Creating a data set like a model data set:

- `zowe file-master-plus create like-model fmmvs.create.dsname`
`fmmvs.model.dsname`

[zowe](#) > [file-master-plus](#) > [create](#) > [partitioned-data-set](#)

Create a partitioned data set.

Usage

`zowe file-master-plus create partitioned-data-set <name> [options]`

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model` | `-m` (*string*)
 - Specifies the name of a model partitioned data set for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--logical-record-length` | `--lrecl` | `--lrl` (*number*)
 - Specifies the length of the logical record. Allowed values: 1-32760 Default value: 80
Example: `--lrecl 80`
- `--block-size` | `--blksize` | `--bs` (*number*)
 - Specifies the size of the block of records. Allowed values: 1-32760 Default value: 6160
Example: `--blksize 6160`
- `--record-format` | `--recfm` | `--rf` (*string*)
 - Specifies the record format. The allowed values have the following meaning:
F - Fixed-length records
V - Variable-length records
U - Undefined-length records
B - Records are blocked
A - Records contain ASCII printer control characters
M - Records contain machine code control characters
S - For variable-length records, records may span blocks
T - Records may be written into overflow tracks
Default value: FB
Example: `--recfm FB`

Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units | -su (string)`
 - Specifies the space allocation unit. The allowed values which have the following meaning: TRK - Tracks CYL - Cylinders BLK - Blocksize Default value: CYL Example: --su blk
- Allowed values: TRK, CYL, BLK
- `--primary-space | -ps (number)`
 - Specifies the primary space allocation unit. Allowed values: 1-16777215 Default value: 1 Example: --ps 3
- `--secondary-space | -ss (number)`
 - Specifies the secondary space allocation unit. Allowed values: 1-16777215 Default value: 1 Example: --ss 5
- `--directory-blocks | -db (number)`
 - Specifies number of directory blocks. Allowed values: 1-16777215 Default value: 5 Example: --db 5
- `--volume | -v (string)`
 - Specifies a disk volume or specific tapes. Example: -v vol002
- `--unit-type | -ut (string)`
 - Specifies the DASD unit name. Example: --ut sysda
- `--expiration-date | -ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | -sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | -mc (string)`
 - Specifies the management class. Example: --mc mcl002

- `--data-class` | `--dc` (*string*)
 - Specifies the data class. Example: `--dc dcl002`

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
- `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol` | `-o` (*string*)
 - Specifies CA File Master Plus REST API protocol.
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
 - Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` (*string*)
 - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a PDS with default option values:
 - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname`
- Creating a PDS with options:
 - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --su trk --ed p`
- Creating a PDS like a model PDS:
 - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a PDS like a model PDS and overriding the parameters with options:
 - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --ed 2025-09-27`

[zowe](#) › [file-master-plus](#) › [create](#) › [partitioned-data-set-extended](#)

Create an extended partitioned data set.

Usage

```
zowe file-master-plus create partitioned-data-set-extended <name> [options]
```

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model` | `-m` (*string*)
 - Specifies the name of a model extentded partitioned data set name for allocating parameters. The parameters of the model data set override all defaults. Example: -m fmmvs.model.dsname
- `--data-set-version` | `--dsver` | `--ver` (*number*)
 - Specifies the data set version. Default value depends on the system settings. Example: --ver 2
 - Allowed values: 1, 2
- `--generations` | `-g` (*number*)
 - Specifies the number of generations. Applicable when data set version is '2'. Default value: 0 Example: -g 10
- `--logical-record-length` | `--lrecl` | `--lrl` (*number*)
 - Specifies the length of the logical record. Allowed values: 1-32760 Default value: 80 Example: --lrecl 80
- `--block-size` | `--blksize` | `--bs` (*number*)
 - Specifies the size of the block of records. Allowed values: 1-32760 Default value: 6160 Example: --blksize 6160
- `--record-format` | `--recfm` | `--rf` (*string*)
 - Specifies the record format. The allowed values which have the following meaning:
 - F - Fixed-length records
 - V - Variable-length records
 - U - Undefined-length records
 - B - Records are blocked
 - A - Records contain ASCII printer control characters
 - M - Records contain machine code control characters
 - S - For variable-length records, records may span blocks
 - T - Records may be written into overflow tracksDefault value: FB Example: --recfm FB

Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units | --su (string)`
 - Specifies the space allocation unit. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders BLK - Blocksize Default value: CYL Example: --su blk
Allowed values: TRK, CYL, BLK
- `--primary-space | --ps (number)`
 - Specifies primary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: --ps 3
- `--secondary-space | --ss (number)`
 - Specifies secondary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: --ss 5
- `--volume | -v (string)`
 - Specifies a disk volume or specific tapes. Example: -v vol002
- `--unit-type | --ut (string)`
 - Specifies the DASD unit name. Example: --ut sysda
- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`
 - Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a PDSE with default option values:
 - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname`
- Creating a PDSE version 2 with options:
 - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --ver 2 -g 10 --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed 2025-09-27`
- Creating a PDSE data set like a model PDSE:
 - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a PDSE like a model PDSE and the parameters with options:
 - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --ed p`

[zowe](#) › [file-master-plus](#) › [create](#) › [physical-sequential](#)

Create a physical sequential data set.

Usage

`zowe file-master-plus create physical-sequential <name> [options]`

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model | -m (string)`
 - Specifies the name of a model physical sequential data set name for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--logical-record-length | --lrecl | --lrl (number)`
 - Specifies the length of the logical record. Allowed values: 1-32760 Default value: 80 Example: `--lrecl 80`
- `--block-size | --blksize | --bs (number)`
 - Specifies the size of the block of records. Allowed values: 1-32760 Default value: 6160 Example: `--blksize 6160`
- `--record-format | --recfm | --rf (string)`
 - Specifies the record format. The allowed values which have the following meaning:
F - Fixed-length records
V - Variable-length records
U - Undefined-length records
B - Records are blocked
A - Records contain ASCII printer control characters
M - Records contain machine code control characters
S - For variable-length records, records may span blocks
T - Records may be written into overflow tracks
Default value: FB
Example: `--recfm FB`

Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT
- `--space-units | --su (string)`
 - Specifies the space allocation unit. The allowed values which have the following meaning:
TRK - Tracks
CYL - Cylinders
BLK - Blocksize
Default value: CYL
Example: `--su blk`

Allowed values: TRK, CYL, BLK
- `--primary-space | --ps (number)`
 - Specifies primary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: `--ps 3`
- `--secondary-space | --ss (number)`

- Specifies secondary space allocation unit. Allowed values: 1-16777215 Default value: 1
Example: --ss 5
- `--volume | -v (array)`
 - Specifies a disk volume or specific tapes. Example: -v vol002
- `--unit-type | --ut (string)`
 - Specifies the DASD unit name. Example: --ut sysda
- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`
 - Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`

- Specifies CA File Master Plus REST API protocol.
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p` (*string*)
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a physical sequential data set with default option values:
 - `zowe file-master-plus create physical-sequential fmmvs.test.dsname`
- Creating a physical sequential data set with options:

- `zowe file-master-plus create physical-sequential fmmvs.test.dsname --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed 2025-09-27`
- Creating a physical sequential data set like a model physical sequential data set:
 - `zowe file-master-plus create physical-sequential fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a physical sequential data set like a model physical sequential data set and overriding the parameters with options:
 - `zowe file-master-plus create physical-sequential fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm VB --ps 5 --ss 5 --ed p`

[zowe](#) › [file-master-plus](#) › [create](#) › [vsam-esds](#)

Create an entry-sequenced Virtual Storage Access Method (VSAM) data set (ESDS).

Usage

`zowe file-master-plus create vsam-esds <name> [options]`

Positional Arguments

- `<name>` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model | -m` (*string*)
 - Specifies the name of a ESDS (entry-sequenced VSAM data set) for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--maximum-record-size | --mrs` (*number*)
 - Specifies the maximum length of data records. This parameter is mandatory unless a model data set is specified. Example: `--mrs 180`
- `--average-record-size | --ars` (*number*)
 - Specifies the average length of data records. If this parameter is not specified then it is set to the same as the maximum-record-size option. Example: `--ars 110`

- `--data-dsname` | `--ddsn` (*string*)
 - Specifies the data set name of the data VSAM component. If this parameter is not specified then by default it is set to the cluster name with '.DATA'. Example: `--ddsn fmmvs.vsam.esds.data`
- `--data-control-interval-size` | `--dcis` (*number*)
 - Specifies the size of the Control Interval for the data VSAM component. Default value: 20480 Example: `--dcis 3584`
- `--data-space-units` | `--dsu` (*string*)
 - Specifies the space allocation unit for data vsam component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: `--dsu rec`
Allowed values: TRK, CYL, REC, K, M
- `--data-primary-space` | `--dps` (*number*)
 - Specifies the primary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 18 Example: `--dps 3`
- `--data-secondary-space` | `--dss` (*number*)
 - Specifies the secondary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 3 Example: `--dss 5`
- `--data-volume` | `--dv` (*array*)
 - Specifies a disk volume or specific tapes for the data VSAM component. Example: `-dv vol002`
- `--buffer-space` | `--bs` (*number*)
 - Specifies the minimum buffer space to allocate when this VSAM file is accessed. Example: `--bs 37376`
- `--erase` | `-e` (*string*)
 - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog. Default value: n Example: `-e y`
Allowed values: y, n

- `--load-restartable | --lr (string)`
 - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted. Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load). Default value: n Example: -lr y

Allowed values: y, n
- `--reuse | -r (string)`
 - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster. Default value: n Example: -r y

Allowed values: y, n
- `--spanned | -s (string)`
 - Indicates whether VSAM file was allocated with the SPANNED parameter indicating that data records larger than a control interval can span multiple control intervals. Default value: n Example: -s y

Allowed values: y, n
- `--write-check | --wc (string)`
 - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer. Default value: n Example: --wc y

Allowed values: y, n
- `--control-interval-freespace-percentage | --cifp (number)`
 - Specifies the percentage of empty space in each control interval when the file is initially loaded. The free space lets records be inserted or expanded within a control interval before requiring a control interval split. Example: --cifp 10
- `--control-area-freespace-percentage | --caf (number)`
 - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits

occur before requiring a control area split. Example: --caf 10

- `--cross-region-share-option | --crso (number)`
 - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization). The allowed values have the following meaning: 1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing. 2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 1 Example: --crso 2

Allowed values: 1, 2, 3, 4

- `--cross-system-share-option | --csso (number)`
 - Specifies how the file can be shared among systems. The allowed values have the following meaning: 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 3 Example: --csso 4

Allowed values: 3, 4

- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`
 - Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002
- `--log | -l (string)`

- When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.

Example: --log ALL

Allowed values: NONE, UNDO, ALL

- `--frlog | -fr (string)`

- Specifies the type of VSAM batch logging to perform for this VSAM data set. The allowed values have the following meaning: NONE - Disables VSAM batch logging. REDO - Enables VSAM batch logging. UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging. ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging. Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate | -lrp (string)`

- Specify 'Y' to enable VSAM replication for this data set. Example: --lrp y

Allowed values: Y, N

- `--log-stream-id | -lsi (string)`

- Specifies the 1- to 26-character name of the forward recovery log stream. Example: --lsi LOGSTRA

- `--rls-enable | -rls | -re (string)`

- Specify 'N' to disable VSAM record-level sharing. Default value: y Example: --rls n

Allowed values: Y, N

FMP Connection Options

- `--host | -H (string)`

- Specifies CA File Master Plus server host name.

- `--port | -P (number)`

- Specifies CA File Master Plus server port.

- `--user | -u (string)`

- Specifies Mainframe user name. May be the same as TSO login.

- `--password | -pass | -pw (string)`

- Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Creating a ESDS with default option values and mandatory options:

- `zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160`
- Creating a ESDS with options:
 - `zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n -ed 2025-09-27`
- Creating a RLS enabled ESDS with logging options:
 - `zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n -rls y -l all --lsi loga --lrp y --fr ALL`
- Creating a ESDS data set like a model ESDS data set:
 - `zowe file-master-plus create vsam-esds fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a ESDS like a model ESDS data set and overriding the parameters with options:
 - `zowe file-master-plus create vsam-esds fmmvs.test.dsname --model fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed p`

[zowe](#) › [file-master-plus](#) › [create](#) › [vsam-ksds](#)

Create a key-sequenced data set (KSDS) Virtual Storage Access Method (VSAM) data set.

Usage

```
zowe file-master-plus create vsam-ksds <name> [options]
```

Positional Arguments

- `name (string)`
 - Specifies the name of the data set to create.

Options

- `--model | -m (string)`
 - Specifies the name of a model KSDS (key-sequenced VSAM data set) for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`

- `--keys-position | --kp (number)`
 - Specifies the position of the key within the base cluster. This parameter is mandatory unless a model data set is specified. Example: --kp 1
- `--keys-length | --kl (number)`
 - Specifies the length of the key within the base cluster. This parameter is mandatory unless a model data set is specified. Example: --kl 7
- `--maximum-record-size | --mrs (number)`
 - Specifies the maximum length of data records. This parameter is mandatory unless a model data set is specified. Example: --mrs 180
- `--average-record-size | --ars (number)`
 - Specifies the average length of data records. If this parameter is not specified then it is set to the same as the maximum-record-size option. Example: --ars 110
- `--data-dsname | --ddsn (string)`
 - Specifies the data set name of the data VSAM component. If this parameter is not specified then by default it is set to the cluster name with '.DATA'. Example: --ddsn fmmvs.vsam.ksds.data
- `--data-control-interval-size | --dcis (number)`
 - Specifies the size of the Control Interval for the data VSAM component. Default value: 20480 Example: --dcis 3584
- `--data-space-units | --dsu (string)`
 - Specifies the space allocation unit for data vsam component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: --dsu rec
Allowed values: TRK, CYL, REC, K, M
- `--data-primary-space | --dps (number)`
 - Specifies the primary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 18 Example: --dps 3
- `--data-secondary-space | --dss (number)`

- Specifies the secondary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 3 Example: --dss 5
- `--data-volume | --dv (array)`
 - Specifies a disk volume or specific tapes for the data VSAM component. Example: -dv vol002
- `--index-dsname | --idsn (string)`
 - Specifies the data set name of the index VSAM component. If this parameter is not specified then it is set to the cluster name with '.INDEX' appended. Example: --ddsn fmmvs.vsam.ksds.index
- `--index-control-interval-size | --icis (number)`
 - Specifies the size of Control Interval for index VSAM component. Default value: 512 Example: --icis 3584
- `--index-space-units | --isu (string)`
 - Specifies the space allocation unit for index VSAM component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: --isu cyl
Allowed values: TRK, CYL, REC, K, M
- `--index-primary-space | --ips (number)`
 - Specifies primary space allocation unit for index VSAM component. Allowed values: 1-16777215 Default value: 1 Example: --ips 3
- `--index-secondary-space | --iss (number)`
 - Specifies secondary space allocation unit for index VSAM component. Allowed values: 1-16777215 Default value: 1 Example: --iss 5
- `--index-volume | --iv (array)`
 - Specifies a disk volume or specific tapes for the index VSAM component. Example: -iv vol002
- `--buffer-space | --bs (number)`
 - Specifies the minimum buffer space to allocate when this VSAM file is accessed. Example: --bs 37376

- `--erase | -e (string)`
 - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog. Default value: n Example: -e y

Allowed values: y, n
- `--load-restartable | --lr (string)`
 - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted. Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load). Default value: n Example: -lr y

Allowed values: y, n
- `--reuse | -r (string)`
 - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster. Default value: n Example: -r y

Allowed values: y, n
- `--spanned | -s (string)`
 - Indicates whether VSAM file was allocated with the SPANNED parameter indicating that data records larger than a control interval can span multiple control intervals. Default value: n Example: -s y

Allowed values: y, n
- `--write-check | --wc (string)`
 - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer. Default value: n Example: --wc y

Allowed values: y, n
- `--control-interval-freespace-percentage | --cifp (number)`

- Specifies the percentage of empty space in each control interval when the file is initially loaded. The free space lets records be inserted or expanded within a control interval before requiring a control interval split. Example: --cifp 10
- `--control-area-freespace-percentage | --cafpp (number)`
 - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split. Example: --cafpp 10
- `--cross-region-share-option | --crso (number)`
 - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization). The allowed values have the following meaning: 1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing. 2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 1 Example: --crso 2

Allowed values: 1, 2, 3, 4
- `--cross-system-share-option | --csso (number)`
 - Specifies how the file can be shared among systems. The allowed values have the following meaning: 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 3 Example: --csso 4

Allowed values: 3, 4
- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`

- Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002
- `--log | -l (string)`
 - When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option. Example: --log ALL

Allowed values: NONE, UNDO, ALL
- `--frlog | --fr (string)`
 - Specifies the type of VSAM batch logging to perform for this VSAM data set. The allowed values have the following meaning: NONE - Disables VSAM batch logging. REDO - Enables VSAM batch logging. UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging. ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging. Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO
- `--log-replicate | --lrp (string)`
 - Specify 'Y' to enable VSAM replication for this data set. Example: --lrp y

Allowed values: Y, N
- `--log-stream-id | --lsi (string)`
 - Specifies the 1- to 26-character name of the forward recovery log stream. Example: --lsi LOGSTRA
- `--rls-enable | --rls | --re (string)`
 - Specify 'N' to disable VSAM record-level sharing. Default value: y Example: --rls n

Allowed values: Y, N

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`

- Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol` | `-o` (*string*)
 - Specifies CA File Master Plus REST API protocol.
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
 - Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` (*string*)
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a KSDS with default option values and mandatory options:
 - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160`
- Creating a KSDS with options:
 - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y -s n --ed 2025-09-27`
- Creating a RLS enabled KSDS with logging options:
 - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y -s n --rls y -l all --lsi loga --lrp y --fr ALL`
- Creating a KSDS data set like a model KSDS data set:
 - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a KSDS like a model KSDS data set and overriding the parameters with options:
 - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --model fmmvs.model.dsname --kp 1 --kl 7 --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed p`

[zowe](#) › [file-master-plus](#) › [create](#) › [vsam-lsds](#)

Create linear data set (LDS) Virtual Storage Access Method (VSAM) data set.

Usage

`zowe file-master-plus create vsam-lsds <name> [options]`

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model` | `-m` (*string*)
 - Specifies the name of a model LDS (Linear VSAM data set) for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--data-dsname` | `--ddsn` (*string*)
 - Specifies the data set name of the data VSAM component. If this parameter is not specified then by default it is set to the cluster name with '.DATA'. Example: `--ddsn fmmvs.vsam.esds.data`
- `--data-control-interval-size` | `--dcis` (*number*)
 - Specifies the size of the Control Interval for the data VSAM component. Default value: 4096 Example: `--dcis 3584`
- `--data-space-units` | `--dsu` (*string*)
 - Specifies the space allocation unit for data vsam component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: `--dsu rec`
Allowed values: TRK, CYL, REC, K, M
- `--data-primary-space` | `--dps` (*number*)
 - Specifies the primary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 18 Example: `--dps 3`
- `--data-secondary-space` | `--dss` (*number*)
 - Specifies the secondary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 3 Example: `--dss 5`
- `--data-volume` | `--dv` (*array*)
 - Specifies a disk volume or specific tapes for the data VSAM component. Example: `-dv vol002`

- `--buffer-space` | `--bs` (*number*)
 - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
Example: --bs 37376
- `--erase` | `-e` (*string*)
 - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog. Default value: n Example: -e y

Allowed values: y, n
- `--load-restartable` | `--lr` (*string*)
 - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted. Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load). Default value: n Example: -lr y

Allowed values: y, n
- `--reuse` | `-r` (*string*)
 - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster. Default value: n
Example: -r y

Allowed values: y, n
- `--write-check` | `--wc` (*string*)
 - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer. Default value: n Example: --wc y

Allowed values: y, n
- `--control-interval-freespace-percentage` | `--cifp` (*number*)
 - Specifies the percentage of empty space in each control interval when the file is initially loaded. The free space lets records be inserted or expanded within a control interval before requiring a control interval split. Example: --cifp 10

- `--control-area-freespace-percentage | --caf` *(number)*
 - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split. Example: --caf 10
- `--cross-region-share-option | --crso` *(number)*
 - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization). The allowed values have the following meaning: 1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing. 2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 1 Example: --crso 2
- Allowed values: 1, 2, 3, 4
- `--cross-system-share-option | --csso` *(number)*
 - Specifies how the file can be shared among systems. The allowed values have the following meaning: 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 3 Example: --csso 4
- Allowed values: 3, 4
- `--expiration-date | --ed` *(string)*
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc` *(string)*
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc` *(string)*
 - Specifies the management class. Example: --mc mcl002
- `--data-class | --dc` *(string)*

- Specifies the data class. Example: --dc dcl002

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a LDS with default option values:

- `zowe file-master-plus create vsam-lds fmmvs.test.dsname`

- Creating a LDS with options:

- `zowe file-master-plus create vsam-lds fmmvs.test.dsname --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p`

- Creating a LDS data set like a model LDS data set:

- `zowe file-master-plus create vsam-lds fmmvs.test.dsname --model fmmvs.model.dsname`

- Creating a LDS like a model LDS data set and overriding the parameters with options:

- `zowe file-master-plus create vsam-lds fmmvs.test.dsname --model fmmvs.model.dsname --wc y --bs 37376 --crso 3 --csso 4 --ed 2025-09-27`

[zowe](#) › [file-master-plus](#) › [create](#) › [vsam-rrds](#)

Create a relative-record data set (RRDS) Virtual Storage Access Method (VSAM) data set.

Usage

```
zowe file-master-plus create vsam-rrds <name> [options]
```

Positional Arguments

- `name` (*string*)

- Specifies the name of the data set to create.

Options

- `--model | -m (string)`
 - Specifies the name of a model RRDS (relative-record VSAM data set) for allocating parameters. The parameters of the model data set override all defaults. Example: `-m fmmvs.model.dsname`
- `--maximum-record-size | --mrs (number)`
 - Specifies the maximum length of data records. This parameter is mandatory unless a model data set is specified. Example: `--mrs 180`
- `--data-dsname | --ddsn (string)`
 - Specifies the data set name of the data VSAM component. If this parameter is not specified then by default it is set to the cluster name with '.DATA'. Example: `--ddsn fmmvs.vsam.rrds.data`
- `--data-control-interval-size | --dcis (number)`
 - Specifies the size of the Control Interval for the data VSAM component. Default value: 20480 Example: `--dcis 3584`
- `--data-space-units | --dsu (string)`
 - Specifies the space allocation unit for data vsam component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: `--dsu rec`
Allowed values: TRK, CYL, REC, K, M
- `--data-primary-space | --dps (number)`
 - Specifies the primary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 18 Example: `--dps 3`
- `--data-secondary-space | --dss (number)`
 - Specifies the secondary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 3 Example: `--dss 5`
- `--data-volume | --dv (array)`

- Specifies a disk volume or specific tapes for the data VSAM component. Example: -dv vol002
- `--buffer-space | -bs (number)`
 - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
Example: --bs 37376
- `--erase | -e (string)`
 - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog. Default value: n Example: -e y

Allowed values: y, n
- `--load-restartable | -lr (string)`
 - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted. Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load). Default value: n Example: -lr y

Allowed values: y, n
- `--reuse | -r (string)`
 - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster. Default value: n
Example: -r y

Allowed values: y, n
- `--write-check | -wc (string)`
 - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer. Default value: n Example: --wc y

Allowed values: y, n
- `--control-interval-freespace-percentage | -cifp (number)`

- Specifies the percentage of empty space in each control interval when the file is initially loaded. The free space lets records be inserted or expanded within a control interval before requiring a control interval split. Example: --cifp 10
- `--control-area-freespace-percentage | --cafpp (number)`
 - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split. Example: --cafpp 10
- `--cross-region-share-option | --crso (number)`
 - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization). The allowed values have the following meaning: 1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing. 2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 1 Example: --crso 2
- Allowed values: 1, 2, 3, 4
- `--cross-system-share-option | --csso (number)`
 - Specifies how the file can be shared among systems. The allowed values have the following meaning: 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 3 Example: --csso 4
- Allowed values: 3, 4
- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`

- Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002
- `--log | -l (string)`
 - When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option. Example: --log ALL

Allowed values: NONE, UNDO, ALL
- `--frlog | --fr (string)`
 - Specifies the type of VSAM batch logging to perform for this VSAM data set. The allowed values have the following meaning: NONE - Disables VSAM batch logging. REDO - Enables VSAM batch logging. UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging. ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging. Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO
- `--log-replicate | --lrp (string)`
 - Specify 'Y' to enable VSAM replication for this data set. Example: --lrp y

Allowed values: Y, N
- `--log-stream-id | --lsi (string)`
 - Specifies the 1- to 26-character name of the forward recovery log stream. Example: --lsi LOGSTRA
- `--rls-enable | --rls | --re (string)`
 - Specify 'N' to disable VSAM record-level sharing. Default value: y Example: --rls n

Allowed values: Y, N

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`

- Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
 - Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Creating a RRDS with default option values and mandatory options:
 - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160`
- Creating a RRDS with options:
 - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p`
- Creating a RLS enabled RRDS with logging options:
 - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p -rls y -l all --lsi loga --lrp y --fr ALL`
- Creating a RRDS data set like a model RRDS data set:
 - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a RRDS like a model RRDS data set and overriding the parameters with options:
 - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --model fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed 2025-09-27`

[zowe](#) › [file-master-plus](#) › [create](#) › [vsam-vrrds](#)

Create a variable-length relative-record data set (VRRDS) Virtual Storage Access Method (VSAM) data set.

Usage

`zowe file-master-plus create vsam-vrrds <name> [options]`

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to create.

Options

- `--model | -m (string)`
 - Specifies the name of a model VRRDS (variable-length relative-record VSAM data set) for allocating parameters. The parameters of the model data set override all defaults.
Example: `-m fmmvs.model.dsname`
- `--maximum-record-size | --mrs (number)`
 - Specifies the maximum length of data records. This parameter is mandatory unless a model data set is specified and it should be greater than the average record size.
Example: `--mrs 180`
- `--average-record-size | --ars (number)`
 - Specifies the average length of data records. This parameter is mandatory unless a model data set is specified and it should be less than the maximum record size.
Example: `--ars 110`
- `--data-dsname | --ddsn (string)`
 - Specifies the data set name of the data VSAM component. If this parameter is not specified then by default it is set to the cluster name with '.DATA'. Example: `--ddsn fmmvs.vsam.ksds.data`
- `--data-control-interval-size | --dcis (number)`
 - Specifies the size of the Control Interval for the data VSAM component. Default value: 20480 Example: `--dcis 3584`
- `--data-space-units | --dsu (string)`
 - Specifies the space allocation unit for data vsam component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: `--dsu rec`

Allowed values: TRK, CYL, REC, K, M
- `--data-primary-space | --dps (number)`
 - Specifies the primary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 18 Example: `--dps 3`
- `--data-secondary-space | --dss (number)`

- Specifies the secondary space allocation unit for the data VSAM component. Allowed values: 1-16777215 Default value: 3 Example: --dss 5
- `--data-volume | --dv (array)`
 - Specifies a disk volume or specific tapes for the data VSAM component. Example: -dv vol002
- `--index-dsname | --idsn (string)`
 - Specifies the data set name of the index VSAM component. If this parameter is not specified then it is set to the cluster name with '.INDEX' appended. Example: --ddsn fmmvs.vsam.ksds.index
- `--index-control-interval-size | --icis (number)`
 - Specifies the size of Control Interval for index VSAM component. Default value: 512 Example: --icis 3584
- `--index-space-units | --isu (string)`
 - Specifies the space allocation unit for index VSAM component. The allowed values have the following meaning: TRK - Tracks CYL - Cylinders REC - Records K - Kilobytes M - Megabytes Default value: TRK Example: --isu cyl
Allowed values: TRK, CYL, REC, K, M
- `--index-primary-space | --ips (number)`
 - Specifies primary space allocation unit for index VSAM component. Allowed values: 1-16777215 Default value: 1 Example: --ips 3
- `--index-secondary-space | --iss (number)`
 - Specifies secondary space allocation unit for index VSAM component. Allowed values: 1-16777215 Default value: 1 Example: --iss 5
- `--index-volume | --iv (array)`
 - Specifies a disk volume or specific tapes for the data VSAM component. Example: -iv vol002
- `--buffer-space | --bs (number)`
 - Specifies the minimum buffer space to allocate when this VSAM file is accessed. Example: --bs 37376

- `--erase | -e (string)`
 - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog. Default value: n Example: -e y
Allowed values: y, n
- `--load-restartable | --lr (string)`
 - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted. Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load). Default value: n Example: -lr y
Allowed values: y, n
- `--reuse | -r (string)`
 - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster. Default value: n
Example: -r y
Allowed values: y, n
- `--write-check | --wc (string)`
 - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer. Default value: n Example: --wc y
Allowed values: y, n
- `--control-interval-freespace-percentage | --cifp (number)`
 - Specifies the percentage of empty space in each control interval when the file is initially loaded. The free space lets records be inserted or expanded within a control interval before requiring a control interval split. Example: --cifp 10
- `--control-area-freespace-percentage | --caf (number)`
 - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits

occur before requiring a control area split. Example: --caf 10

- `--cross-region-share-option | --crso (number)`
 - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization). The allowed values have the following meaning: 1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing. 2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 1 Example: --crso 2

Allowed values: 1, 2, 3, 4

- `--cross-system-share-option | --csso (number)`
 - Specifies how the file can be shared among systems. The allowed values have the following meaning: 3 - The data set can be fully shared by any number of users. 4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs. Default value: 3 Example: --csso 4

Allowed values: 3, 4

- `--expiration-date | --ed (string)`
 - Specifies the expiration date after which the data set can be deleted. Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format. Example: --ed 2032-07-31
- `--storage-class | --sc (string)`
 - Specifies the storage class. Example: --sc scl002
- `--management-class | --mc (string)`
 - Specifies the management class. Example: --mc mcl002
- `--data-class | --dc (string)`
 - Specifies the data class. Example: --dc dcl002
- `--log | -l (string)`

- When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.

Example: --log ALL

Allowed values: NONE, UNDO, ALL

- `--frlog | -fr (string)`

- Specifies the type of VSAM batch logging to perform for this VSAM data set. The allowed values have the following meaning: NONE - Disables VSAM batch logging. REDO - Enables VSAM batch logging. UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging. ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging. Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate | -lrp (string)`

- Specify 'Y' to enable VSAM replication for this data set. Example: --lrp y

Allowed values: Y, N

- `--log-stream-id | -lsi (string)`

- Specifies the 1- to 26-character name of the forward recovery log stream. Example: --lsi LOGSTRA

- `--rls-enable | -rls | -re (string)`

- Specify 'N' to disable VSAM record-level sharing. Default value: y Example: --rls n

Allowed values: Y, N

FMP Connection Options

- `--host | -H (string)`

- Specifies CA File Master Plus server host name.

- `--port | -P (number)`

- Specifies CA File Master Plus server port.

- `--user | -u (string)`

- Specifies Mainframe user name. May be the same as TSO login.

- `--password | -pass | -pw (string)`

- Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Creating a VRRDS with default option values and mandatory options:

- `zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160`
- Creating a VRRDS with options:
 - `zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y --ed 2025-09-27`
- Creating a RLS enabled VRRDS with logging options:
 - `zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y --rls y -l all --lsi loga --lrp y --fr ALL`
- Creating a VRRDS data set like a model VRRDS data set:
 - `zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --model fmmvs.model.dsname`
- Creating a VRRDS like a model VRRDS data set and overriding the parameters with options:
 - `zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --model fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed p`

[zowe](#) › [file-master-plus](#) › [delete](#)

Permanently deletes a data set.

[zowe](#) › [file-master-plus](#) › [delete](#) › [data-set](#)

Permanently deletes a data set. It supports all data set types that are supported by CA File Master Plus.

Usage

`zowe file-master-plus delete data-set <name> [options]`

Positional Arguments

- `name (string)`
 - Specifies the name of the data set that you want to delete.

FMP Connection Options

- `--host | -H (string)`
 - Specifies CA File Master Plus server host name.
- `--port | -P (number)`
 - Specifies CA File Master Plus server port.
- `--user | -u (string)`
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password | --pass | --pw (string)`
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol | -o (string)`
 - Specifies CA File Master Plus REST API protocol.
Default value: https
Allowed values: http, https
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile | --fmp-p (string)`
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Deleting a data set:
 - `zowe file-master-plus delete data-set fmmvs.dsname`

[zowe](#) › [file-master-plus](#) › [populate](#)

Populate the specified data set with records. It supports all data set types that are supported by CA File Master Plus.

[zowe](#) › [file-master-plus](#) › [populate](#) › [data-set](#)

Populate a specific data set with records. The layout of the records to add are described by a Cobol or PL/I copybook.

Usage

```
zowe file-master-plus populate data-set <name> [options]
```

Positional Arguments

- `name` (*string*)
 - Specifies the name of the data set to populate.

Options

- `--member` | `-m` (*string*)
 - Specifies name of the member. Note: Used only if the specified data set is a PDS or PDSE. Example: -m member1.

Required Options

- `--layout-member` | `--lm` (*string*)

- Specifies the name of the Cobol or PL/I copybook. Example: --lm testlay.
- `--layout-data-set` | `--lds` (*string*)
 - Specifies the name of the data set that contains the layout member. Example: --lds fmmvs.layout.dataset.
- `--data` | `-d` (*string*)
 - Specifies path of the .txt/.json file of the data stream. Ensure the data stream is an array in JSON format represented by a layout data set and its member. Example: -d/instream/data1.txt

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
- `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol` | `-o` (*string*)
 - Specifies CA File Master Plus REST API protocol.

Default value: https

Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` (*string*)
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Populating a data set:
 - `zowe file-master-plus populate data-set fmmvs.dsname --lds fmmvs.layout.dataset --lm testlay --data ../instream/data1.txt`

[zowe](#) › [file-master-plus](#) › [rename](#)

Rename the specified data set.

[zowe](#) › [file-master-plus](#) › [rename](#) › [data-set](#)

Rename a data set. It supports all data set types that are supported by CA File Master Plus.

Usage

```
zowe file-master-plus rename data-set <old> <new> [options]
```

Positional Arguments

- `old` (*string*)
 - Specifies the name of the data set that you want to rename.
- `new` (*string*)
 - Specifies the new name of the data set.

Options

- `--vsam-component` | `--vsamc` (*string*)
 - Rename the data and index components of a VSAM cluster if they share the cluster name. Note: Used only if the target data set is a VSAM cluster. Example: `--vsamc y`.
- Default value: n
- Allowed values: y, n

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
 - `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
 - `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
 - `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
 - `--protocol` | `-o` (*string*)
 - Specifies CA File Master Plus REST API protocol.
- Default value: https
- Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` (*string*)
 - The name of a (fmp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Renaming a data set:
 - `zowe file-master-plus rename data-set fmmvs.old.dsname fmmvs.new.dsname`
- Renaming a VSAM data set along with its components:
 - `zowe file-master-plus rename data-set fmmvs.oldvsam.dsname fmmvs.newvsam.dsname --vsamc y`

[zowe](#) › [idms](#)

CA IDMS plug-in for listing real-time monitor statistics and information, viewing DC log messages, and issuing DCMT and DCUF commands

[zowe](#) › [idms](#) › [issue](#)

Issues IDMS DCMT and DCUF commands

[zowe](#) › [idms](#) › [issue](#) › [dcmt-display](#)

Execute a DCMT DISPLAY command

Usage

```
zowe idms issue dcmt-display [options]
```

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
 - `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
 - `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates
- Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource` | `-d` (*string*)
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` (*string*)
 - DCMT DISPLAY command arguments

Options

- `--broadcast` | `-b` (*string*)
 - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type | --rft (string)`

- The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt display task send' command to display information associated with the SEND task:
 - `zowe idms issue dcmt-display --args "task send"`
- Issues a 'dcmt display active programs' command with an IDMS profile and data source to override the default:
 - `zowe idms issue dcmt-display --args "active programs" --idms-profile myprofile2 --datasource sysdemo`

[zowe](#) › [idms](#) › [issue](#) › [dcmt-help](#)

Execute a DCMT HELP command

Usage

```
zowe idms issue dcmt-help [options]
```

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
- `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource` | `-d` (*string*)
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Options

- `--args` (*string*)
 - DCMT HELP command arguments
- `--broadcast` | `-b` (*string*)
 - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt help' command to display a summary of the syntax for DCMT commands:
 - `zowe idms issue dcmt-help`
- Issues a 'dcmt help task' command with a data source to override the default:
 - `zowe idms issue dcmt-help --args "task" --datasource sysdemo`

[zowe](#) > [idms](#) > [issue](#) > [dcmt-quiesce](#)

Execute a DCMT QUIESCE command

Usage

```
zowe idms issue dcmt-quiesce [options]
```

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
- `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates
 - Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource` | `-d` (*string*)
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` (*string*)
 - DCMT QUIESCE command arguments. Specifies the DCMT QUIESCE target area, segment, or DBNAME

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues the command 'dcmt quiesce dbname empdemo id 1' which quiesces all areas associated with segments included in the EMPDEMO database and assigns the operation to dcmt-id 1:
 - `zowe idms issue dcmt-quiesce --args "dbname empdemo id 1"`
- Issues the command 'dcmt quiesce area emp* id 2' which quiesces all areas whose segment name begins with EMP and assigns the operation to dcmt-id 2:
 - `zowe idms issue dcmt-quiesce --args "area emp* id 2"`

[zowe](#) > [idms](#) > [issue](#) > [dcmt-shutdown](#)

Execute a DCMT SHUTDOWN command

Usage

`zowe idms issue dcmt-shutdown [options]`

IDMS Connection Options

- `--host` | `-H` (*string*)

- Host name of the IDMS REST API service
 - `--port | -P (number)`
 - Port for the IDMS REST API service
 - `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
 - `--password | --pass | --pw (string)`
 - Mainframe password, which can be the same as your TSO password
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates
- Default value: true
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
 - `--datasource | -d (string)`
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args (string)`
 - DCMT SHUTDOWN command arguments. NOPROMPT must be specified. IMMEDIATE is optional

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt shutdown noprompt' command to shut down the DC/UCF system while allowing all active tasks and external run units to terminate normally first:

- `zowe idms issue dcmt-shutdown --args "noprompt"`
- Issues a 'dcmt shutdown noprompt immediate' command to immediately shut down the DC/UCF system, abending all active tasks and external run units with code SHUT:
 - `zowe idms issue dcmt-shutdown --args "noprompt immediate"`

[zowe](#) > [idms](#) > [issue](#) > [dcmt-statistics](#)

Execute a DCMT STATISTICS command

Usage

`zowe idms issue dcmt-statistics [options]`

IDMS Connection Options

- `--host | -H (string)`
 - Host name of the IDMS REST API service
- `--port | -P (number)`
 - Port for the IDMS REST API service
- `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
- `--password | --pass | --pw (string)`
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates

Default value: true
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource | -d (string)`

- Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Options

- `--args` (*string*)
 - DCMT STATISTICS command arguments. Can specify ROLL to reset statistics to zero after writing them
- `--broadcast` | `-b` (*string*)
 - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)

- The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt write statistics roll' command to write the current system and line statistics and histograms to the log file and then reset their values to zero:

- `zowe idms issue dcmt-statistics --args "roll"`

[zowe](#) > [idms](#) > [issue](#) > [dcmt-test](#)

Execute a DCMT TEST command. Obtains diagnostic information for Broadcom technical support personnel.

The DCMT TEST command is used for debugging and diagnostic purposes only. Use it only when told to do so by CA IDMS technical support personnel. It is enabled only if certain CSA test flags are turned on

Usage

`zowe idms issue dcmt-test [options]`

IDMS Connection Options

- `--host | -H` (*string*)
 - Host name of the IDMS REST API service

- `--port | -P (number)`
 - Port for the IDMS REST API service
- `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
- `--password | --pass | --pw (string)`
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates
- Default value: true
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource | -d (string)`
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args (string)`
 - DCMT TEST command arguments. Specifies which debugging options to use

Options

- `--broadcast | -b (string)`
 - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt test debug options' command, with 'debug options' being the options provided by CA IDMS technical support:
 - `zowe idms issue dcmt-test --args "debug options"`

[zowe](#) > [idms](#) > [issue](#) > [dcmt-vary](#)

Execute a DCMT VARY command

Usage

`zowe idms issue dcmt-vary [options]`

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
 - `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
 - `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
 - `--datasource` | `-d` (*string*)

- Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` (*string*)
 - DCMT VARY command arguments

Options

- `--broadcast` | `-b` (*string*)
 - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)

- The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt vary task signon enabled' command to enable the SIGNON task:
 - `zowe idms issue dcmt-vary --args "task signon enabled"`
- Issues a 'dcmt vary journal swap' command with an IDMS profile and data source to override the default:
 - `zowe idms issue dcmt-vary --args "journal swap" --idms-profile myprofile2 --datasource sysdemo`

[zowe](#) › [idms](#) › [issue](#) › [dcuf-help](#)

Execute a DCUF HELP command

Usage

`zowe idms issue dcuf-help [options]`

IDMS Connection Options

- `--host | -H (string)`
 - Host name of the IDMS REST API service

- `--port | -P (number)`
 - Port for the IDMS REST API service
- `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
- `--password | --pass | --pw (string)`
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates
- Default value: true
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource | -d (string)`
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcuf help' command to display a list of DCUF commands and parameters. Note: Only SHOW commands are supported by the CLI:

- `zowe idms issue dcuf-help`

[zowe](#) › [idms](#) › [issue](#) › [dcuf-show](#)

Execute a DCUF SHOW command

Usage

```
zowe idms issue dcuf-show [options]
```

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
- `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource` | `-d` (*string*)
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` (*string*)
 - DCUF SHOW command arguments

Options

- `--broadcast` | `-b` (*string*)

- Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

○ If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcuf show tables' command to display a list of the available tables:
 - `zowe idms issue dcuf-show --args "tables"`
- Issues a 'dcuf show user <username>' command to display information about a specific user:
 - `zowe idms issue dcuf-show --args "user username"`

[zowe](#) › [idms](#) › [list](#)

Lists real-time monitor statistics information, log messages, active user tasks, and transaction details

[zowe](#) › [idms](#) › [list](#) › [log](#)

Lists log messages based on the search options provided

Usage

`zowe idms list log [options]`

IDMS Connection Options

- `--host | -H (string)`
 - Host name of the IDMS REST API service
- `--port | -P (number)`
 - Port for the IDMS REST API service
- `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
- `--password | --pass | --pw (string)`

- Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates

Default value: true
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--datasource | -d (string)`
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--start-time | --st (string)`
 - Start time of the first log message

Format: 'YYYY-MM-DD HH:mm:ss[.SSSSSS]'
- `--end-time | --et (string)`
 - End time of the last log message

Format: 'YYYY-MM-DD HH:mm:ss[.SSSSSS]'

Options

- `--record-type | --rt (string)`
 - Type of log records:
 - 1 - #WTL text line
 - 2 - User trace text or physical I/O trace text
 - 3 - User binary trace entries
 - 4 - Snap or dump text

5 - Snap or dump binary entries

Examples: '1,2', '1,4,5', '2'

- `--record-identifier | --ri (string)`
 - Identifier contained in log messages

Examples: 'LTE0001,LTVTM011', 'DCSYSTEM', 'SYSTE160'
- `--search-text | --stext (string)`
 - Text contained in log messages

Examples: 'DB001108', 'any_text_that_might_exist_in_the_message'

Profile Options

- `--idms-profile | --idms-p (string)`
 - The name of a (idms) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`

- The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header | --rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists all the log messages where the time stamps satisfy the start and end time criteria:
 - `zowe idms list log --start-time "2020-08-05 09:20:00" --end-time "2020-08-05 10:20:00"`
- Lists all the #WTL log messages where 'DB001108' is contained in the log message and where the time stamps satisfy the start and end time criteria:
 - `zowe idms list log --start-time "2020-08-05 09:20:00" --end-time "2020-08-05 10:20:00" --record-type 1 --search-text DB001108`
- Lists all log messages with the DCSYSTEM record identifier where the time stamps satisfy the start and end time criteria:
 - `zowe idms list log --start-time "2020-08-05 08:00:00.001234" --end-time "2020-08-05 13:43:33.26" --record-identifier DCSYSTEM`

[zowe](#) > [idms](#) > [list](#) > [systems](#)

Lists either all active IDMS systems on an LPAR or lists information about a specific system if a jobname is provided

Usage

```
zowe idms list systems [options]
```

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
 - `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
 - `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

Options

- `--jobname` | `-j` (*string*)
 - The job name of the active IDMS system
- `--all` | `-a` (*boolean*)
 - Lists all active systems. This is the default behavior if no job name is provided

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists all active IDMS systems on the LPAR where the IDMS REST API service is running:
 - `zowe idms list systems --all`
- Lists a single active IDMS system identified by the IDMS system job name:
 - `zowe idms list systems --jobname SYSDEMO`

[zowe](#) › [idms](#) › [list](#) › [transactions](#)

Lists transaction details on a specific IDMS system

Usage

`zowe idms list transactions [options]`

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
- `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

Required Options

- `--jobname` | `-j` (*string*)
 - The job name of the active IDMS system

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists the transaction details of the IDMS system identified by the IDMS system job name:

- `zowe idms list transactions --jobname SYSDEMO`

- Lists the transaction details of the IDMS system identified by the IDMS system job name as JSON formatted data:

- `zowe idms list transactions --jobname SYSDEMO --rfj`

[zowe](#) > [idms](#) > [list](#) > [user-tasks](#)

Lists all active user tasks on a specific IDMS system

Usage

```
zowe idms list user-tasks [options]
```

IDMS Connection Options

- `--host | -H (string)`

- Host name of the IDMS REST API service

- `--port | -P (number)`

- Port for the IDMS REST API service

- `--user | -u (string)`

- Mainframe user name, which can be the same as your TSO login ID

- `--password | --pass | --pw (string)`

- Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

Required Options

- `--jobname` | `-j` (*string*)
 - The job name of the active IDMS system

Profile Options

- `--idms-profile` | `--idms-p` (*string*)
 - The name of a (idms) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists the active user tasks of the IDMS system identified by the IDMS system job name:
 - `zowe idms list user-tasks --jobname SYSDEMO`
- Lists the active user tasks of the IDMS system identified by the IDMS system job name as JSON formatted data:
 - `zowe idms list user-tasks --jobname SYSDEMO --rfj`

[zowe](#) › ims

Interact with IBM IMS programs and transactions.

[zowe](#) › ims › query

Query application programs, regions or transactions across an IMSplex. The query returns information about application programs, regions and transactions. This command submits a 'QUERY PGM', 'DIS ACT' or 'QUERY TRAN' IMS command and returns the output.

[zowe](#) › ims › query › program

Query an IMS application program.

Usage

```
zowe ims query program [name...] [options]
```

Positional Arguments

- `name...` (*string*)
 - Specifies the name of the program(s) to query.

Options

- `--attributes` | `--att` (*array*)
 - Specifies the application program output fields to return.
Default value: ALL

Allowed values: ALL, BMPTYPE, DEFN, DEFNTYPE, DOPT, FP, GLOBAL, IMSID, GPSB, LANG, LOCAL, MODEL, RESIDENT, SCHDTYPE, STATUS, TIMESTAMP, TRANSTAT, EXPORTNEEDED, DB, RTC, TRAN, WORK
- `--status` | `--st` (*array*)
 - Selects programs for display that possess at least one of the specified program statuses.
Allowed values: DB-NOTAVL, IOPREV, LOCK, NOTINIT, STOSCHD, TRACE
- `--route` | `--rt` (*array*)

- Specifies the routes to return.

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query information for an application program named PGM123:
 - `zowe ims query program "PGM123"`
- Query information for application programs named ABC and XYZ:
 - `zowe ims query program "ABC XYZ"`
- Query information for application programs starting with PROG using the wild card character '*':
 - `zowe ims query program "PROG*"`
- Query information for all application programs (default is all):
 - `zowe ims query program`
- Query information for all application programs specifying optional parameters:
 - `zowe ims query program --attributes "BMPTYPE TIMESTAMP" --status "NOTINIT" --route "IMS1 IMS2"`
- Query information for all application programs specifying optional connection parameters:
 - `zowe ims query program --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [query](#) > [region](#)

Query an IMS region.

Usage

`zowe ims query region [options]`

Options

- `--dc` (*boolean*)
 - Displays only the DC subset of the output

Default value: true

- `--region` (*boolean*)
 - Displays only the REGION subset of the output. The display consists of active regions
- Default value: true
- `--route` | `--rt` (*array*)
 - Specifies the routes to return.

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

Profile Options

- `--ims-profile | --ims-p (string)`
 - The name of a (ims) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query information for regions on route IMS1:
 - `zowe ims query region "IMS1"`
- Query information for regions on routes IMS1 and IMS2:
 - `zowe ims query region "IMS1 IMS2"`
- Query DC and region information for regions on routes IMS1 and IMS2:
 - `zowe ims query region "IMS1 IMS2" --dc true --region true`
- Query information for regions specifying optional connection parameters:
 - `zowe ims query region --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [query](#) > [transaction](#)

Query an IMS transaction.

Usage

`zowe ims query transaction [name...] [options]`

Positional Arguments

- `name...` (string)
 - Specifies the name of transaction(s) to query. You can use an * character as a wildcard to select multiple transactions.

Options

- `--attributes | --att (array)`
 - Specifies the transaction output fields to return.
Allowed values: ALL, BMPTYPE, DEFN, DEFNTYPE, DOPT, FP, GLOBAL, IMSID, GPSB, LANG, LOCAL, MODEL, RESIDENT, SCHDTYPE, STATUS, TIMESTAMP, TRANSTAT, EXPORTNEEDED, DB, RTC, TRAN, WORK
- `--status | --st (array)`
 - Selects transactions that possess at least one of the specified transaction statuses.
Allowed values: AFFIN, BAL, CONV, CPIC, DYN, IOPREV, LCK, NOTINIT, QERR, QSTP, SUSPEND, STOQ, STOSCHD, TRACE, USTO
- `--route | --rt (array)`
 - Specifies the routes to return.
- `--class | --cl (array)`
 - Selects transactions by the classes you specify.
- `--queue-count-operator | --qco (array)`
 - The compare operator used to select transactions based on queue count. Valid values: LT, LE, GT, GE, EQ or NE.
- `--queue-count-value | --qcv (number)`
 - The numeric value used with 'queue_count_operator' to select transactions based on queue count.
- `--conversation-attributes | --ca (string)`
 - Selects transactions by the conversational attributes you specify.
- `--fast-path-options | --fpo (string)`
 - Selects transactions by the Fast Path options you specify.
- `--remote-option-specified | --ros (string)`
 - Selects transactions by the remote option you specify.
- `--response-mode-option-specified | --rmos (string)`

- Selects transactions by the response mode option you specify.

IMS Connection Options

- `--host | -H (string)`
 - The IMS Operations API server host name.
- `--port | -P (number)`
 - The IMS Operations API server port.
- `--ims-connect-host | --ich (string)`
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port | --icp (number)`
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex | -x (string)`
 - The name of the IMS plex.
- `--user | -u (string)`
 - The web server user name where the IMS Operations API resides.
- `--password | --pass (string)`
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile | --ims-p (string)`
 - The name of a (ims) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query transaction information for transaction named TRN12:
 - `zowe ims query transaction "TRN12"`
- Query transaction information for transactions named TRAN1 and TRAN2:
 - `zowe ims query transaction "TRAN1 TRAN2"`
- Query transaction information for transactions starting with TRAN using the wild card character '*':
 - `zowe ims query transaction "TRAN*"`
- Query transaction information for all transactions (default is all):
 - `zowe ims query transaction`
- Query transaction information for all transactions specifying optional parameters:
 - `zowe ims query transaction --attributes "AFFIN TIMESTAMP" --status "NOTINIT" --route "IMS1 IMS2"`
- Query transaction information for all transactions specifying optional connection parameters:
 - `zowe ims query transaction --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) › [ims](#) › [start](#)

Starts a region, application program, or transaction and makes IMS resources available for reference and use. This command submits a '/START REGION', 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.

[zowe](#) › [ims](#) › [start](#) › [program](#)

Start an IMS application program.

Usage

zowe ims start program [name...] [options]

Positional Arguments

- `name...` (*string*)
 - The name of the application program(s) to start. The maximum length of a program name is eight characters.

Options

- `--attributes` | `--att` (*array*)
 - The attributes that are to be started

Default value: SCHD

Allowed values: SCHD, TRACE, REFRESH
- `--route` | `--rte` (*array*)
 - The region(s) to route the command to

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.

- `--user | -u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password | --pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile | --ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)

- The command response output format type. Must be one of the following:

- table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

- list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

- object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

- string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start an application program named PGM123:

- `zowe ims start program "PGM123"`

- Start all application programs beginning with ACC*:

- `zowe ims start program "ACC*"`

- Start an application program named PGM234 and start tracing:

- `zowe ims start program "PGM234" --attributes "SCHD TRACE"`

- Start an application program named PGM890 routing to control regions IMS1 and IMS2:

- `zowe ims start program "PGM890" --route "IMS1 IMS2"`

- Start an application programs named XYZ1 specifying optional connection parameters:

- `zowe ims start program "XYZ1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) › [ims](#) › [start](#) › [region](#)

Start an IMS region.

Usage

```
zowe ims start region [memberName] [options]
```

Positional Arguments

- `memberName` (*string*)
 - The name of the member that contains JCL for the region to start. The maximum length of the member name is eight characters. If no member name is specified, the default member name is used

Options

- `--route` | `--rte` (*array*)
 - The region(s) to route the command to
- `--local` | `-l` (*boolean*)
 - If you specify the `--local` option, IMS overrides the symbolic IMSID parameter in the JCL of the default or specified member. `--local` is the default if you specify the `--job-name` option.
- `--job-name` | `--jn` (*string*)
 - Use this option to override the job name on the JOB statement of the default or specified JCL member for a dependent region.

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)

- The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start a region stored in a member named MEM1:
 - `zowe ims start region "MEM1"`
- Start a region stored in a member named MEM2 specifying the region to route the command:

- `zowe ims start region "MEM2" --route "IMS1"`
- Start a region stored in a member named MEM3 and override the job name:
 - `zowe ims start region "MEM3" --job-name "JOB9"`
- Start a region stored in a member named MEM4 routing to control regions IMS1 and IMS2:
 - `zowe ims start region "MEM4" --route "IMS1 IMS2"`
- Start a region stored in a member named MEM5 specifying optional connection parameters:
 - `zowe ims start region "MEM5" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [start](#) > [transaction](#)

Start an IMS transaction.

Usage

`zowe ims start transaction [name...] [options]`

Positional Arguments

- `name...` (*string*)
 - The name of the transaction(s) to start. The maximum length of a transaction name is eight characters.

Options

- `--attributes` | `--att` (*array*)
 - The attributes that are to be started
Default value: SCHD
Allowed values: Q, SCHD, SUSPEND, TRACE
- `--route` | `--rte` (*array*)
 - The region(s) to route the command to

IMS Connection Options

- `--host` | `-H` (*string*)

- The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start a transaction named TRN1:
 - `zowe ims start transaction "TRN1"`
- Start all transactions beginning with TRN*:
 - `zowe ims start transaction "TRN*"`
- Start a transaction named TRN2 and start tracing:
 - `zowe ims start transaction "TRN2" --attributes "SCHD TRACE"`
- Start a transaction named TRN3 routing to control regions IMS1 and IMS2:
 - `zowe ims start transaction "TRN3" --route "IMS1 IMS2"`
- Start a transaction named TRN4 specifying optional connection parameters:
 - `zowe ims start transaction "TRN4" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [stop](#)

Stops a running region, application program or transaction. This command submits a '/STOP REGION', 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.",

[zowe](#) > [ims](#) > [stop](#) > [program](#)

Stop an IMS application program.

Usage

```
zowe ims stop program [name...] [options]
```

Positional Arguments

- `name...` (*string*)
 - The name(of the program(s) to stop. The maximum length of a program name is eight characters.

Options

- `--attributes` | `--att` (*array*)
 - The attributes that are to be stopped

Default value: SCHD

Allowed values: SCHD, TRACE

- `--route | --rte (array)`
 - The region(s) to route the command

IMS Connection Options

- `--host | -H (string)`
 - The IMS Operations API server host name.
- `--port | -P (number)`
 - The IMS Operations API server port.
- `--ims-connect-host | --ich (string)`
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port | --icp (number)`
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex | -x (string)`
 - The name of the IMS plex.
- `--user | -u (string)`
 - The web server user name where the IMS Operations API resides.
- `--password | --pass (string)`
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh` (*boolean*)

○ If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop an application program named PGM123:

○ `zowe ims stop program "PGM123"`

- Stop all application programs beginning with ACC*:

○ `zowe ims stop program "ACC*"`

- Stop tracing an application program named PGM234:

○ `zowe ims stop program "PGM234" --attributes "TRACE"`

- Stop an application program named PGM890 routing to control regions IMS1 and IMS2:

○ `zowe ims stop program "PGM890" --route "IMS1 IMS2"`

- Stop an application programs named XYZ1 specifying optional connection parameters:

○ `zowe ims stop program "XYZ1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [stop](#) > [region](#)

Stop an IMS region.

Usage

`zowe ims stop region [options]`

Options

- `--region-ids | --ri` (*array*)

- Region identifier numbers for the regions you want to stop. You must specify either this option or --job-name.
- `--job-name` | `--jn` (*string*)
 - The name of the job for the IMS region you want to stop. You must specify either this option or --region-ids.
- `--route` | `--rte` (*array*)
 - The region(s) to route the command to
- `--abdump` (*string*)
 - Specify this option to cause abnormal termination (ABEND) of an application program. If the transaction indicated by this argument is currently running in the specified region, an error message is received at the master terminal, indicating an application program ABEND. The region will remain active, but the transaction will be stopped. The command is ignored if the transaction is not currently scheduled in the region.
- `--cancel` (*boolean*)
 - Use this option if the region cannot be stopped with a stop region --abdump command. To use this option, you must have already submitted a stop region command using the --abdump option.
- `--transaction` (*string*)
 - Specify a transaction in wait-for-input mode to stop its message processing within the specified region.

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop a region with job name JOBNM1:
 - `zowe ims stop region --job-name "JOBNM1"`
- Stop multiple regions with region identifiers:
 - `zowe ims stop region --region-ids 4 5`
- Stop a region with region identifier and cause the abnormal termination (ABEND) of the application program:

- `zowe ims stop region --region-ids 4 --abdump "TRAN1"`
- Stop a region with region identifier and specify 'cancel' because the 'abdump' option failed to stop the region:
 - `zowe ims stop region --region-ids 4 --cancel true`
- Stop a region with job name JOBNM4 specifying optional connection parameters:
 - `zowe ims stop region --job-name "JOBNM4" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [stop](#) > [transaction](#)

Stop an IMS transaction.

Usage

`zowe ims stop transaction <name...> [options]`

Positional Arguments

- `name...` (*string*)
 - The name of the transaction(s) to stop. The maximum length of a transaction name is eight characters.

Options

- `--attributes` | `--att` (*array*)
 - The attributes that are to be stopped
Default value: SCHD
Allowed values: Q, SCHD, TRACE
- `--route` | `--rte` (*array*)
 - The region(s) to route the command

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.

- `--port | -P (number)`
 - The IMS Operations API server port.
- `--ims-connect-host | --ich (string)`
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port | --icp (number)`
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex | -x (string)`
 - The name of the IMS plex.
- `--user | -u (string)`
 - The web server user name where the IMS Operations API resides.
- `--password | --pass (string)`
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile | --ims-p (string)`
 - The name of a (ims) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop a transaction named TRN1:

- `zowe ims stop transaction "TRN1"`
- Stop all transactions beginning with TRN*:
 - `zowe ims stop transaction "TRN*"`
- Stop tracing a transaction named TRN2:
 - `zowe ims stop transaction "TRN2" --attributes "TRACE"`
- Stop a transaction named TRN3 routing to control regions IMS1 and IMS2:
 - `zowe ims stop transaction "TRN3" --route "IMS1 IMS2"`
- Stop a transaction named TRN4 specifying optional connection parameters:
 - `zowe ims stop transaction "TRN4" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) › [ims](#) › [update](#)

Updates the setting(s) for application program or transaction. This command submits a 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.

[zowe](#) › [ims](#) › [update](#) › [program](#)

Update an IMS application program.

Usage

```
zowe ims update program [name...] [options]
```

Positional Arguments

- `name...` (*string*)
 - The name of the application program(s) to update. The maximum length of a program name is eight characters.

Options

- `--bmp-type | --bmptype` (*string*)
 - Specifies whether the program runs in a BMP type region or not. (N or Y).

Allowed values: N, Y

- `--dynamic | --dopt (string)`
 - Specifies the dynamic option (N or Y).
Allowed values: N, Y
- `--fast-path | --fp (string)`
 - Specifies the Fast Path option (E or N).
Allowed values: E, N
- `--generated-psb | --gpsb (string)`
 - Specifies the generated PSB option (N or Y).
Allowed values: N, Y
- `--language | --lang (string)`
 - Specifies the language interface of the program or a GPSB or defined a DOPT(Y) program as using the JAVA language (ASSEM, COBOL, JAVA, PASCAL, PLI).
Allowed values: ASSEM, COBOL, JAVA, PASCAL, PLI
- `--lock | -l (string)`
 - Specifies the LOCK status is to be set (ON or OFF).
Allowed values: ON, OFF
- `--option | -o (string)`
 - Specifies to return response lines for all resources that are processed. It is only valid with `--name *` (ALLRSP).
Allowed values: ALLRSP
- `--resident | -r (string)`
 - Specifies the resident option (N or Y).
Allowed values: N, Y
- `--route | --rte (array)`
 - Specifies the region(s) to route the command.

- `--schedule-type` | `--schdtype` (*string*)
 - Specifies whether this application program can be scheduled into more than one message region or batch message region simultaneously (PARALLEL or SERIAL).
Allowed values: PARALLEL, SERIAL
- `--transaction-level-stat` | `--transtat` (*string*)
 - Specifies whether transaction level statistics should be logged (N or Y).
Allowed values: N, Y

IMS Connection Options

- `--host` | `-H` (*string*)
 - The IMS Operations API server host name.
- `--port` | `-P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the

table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update an application program named PGM123 to execute exclusively as Fast Path:

- `zowe ims update program "PGM123" --fp "E"`

- Update all application programs beginning with ACC* to not run in a BMP type region:

- `zowe ims update program "ACC*" --bmptype "N"`

- Unlock all programs beginning with PGM* to allow scheduling:

- `zowe ims update program "PGM*" --lock "OFF"`

- Update an application program named PGM890 to execute as Fast Path routing to control regions IMS1 and IMS2:

- `zowe ims update program "PGM890" --fp "E" --route "IMS1 IMS2"`

- Unlock an application programs named XYZ1 to allow scheduling specifying optional connection parameters:

- `zowe ims update program "XYZ1" --lock "OFF" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

[zowe](#) > [ims](#) > [update](#) > [transaction](#)

Update an IMS transaction.

Usage

```
zowe ims update transaction [name...] [options]
```

Positional Arguments

- `name...` (*string*)
 - The name of the transaction(s) to update. The maximum length of a transaction name is eight characters.

Options

- `--aoi-cmd | --aocmd` (*string*)
 - Specifies the AOI option that you want to change (N, CMD, TRAN, Y).
Allowed values: N, CMD, TRAN, Y
- `--class | -c` (*array*)
 - Selects the transactions associated with the specified class or classes to be updated.
- `--commit-mode | --cmtmode` (*string*)
 - Specifies when database updates and non-express output messages are committed (SNGL, MULT).
Allowed values: SINGLE, MODE
- `--conversation | --conv` (*string*)
 - Specifies the conversation option (N or Y).
Allowed values: N, Y
- `--current-priority | --cpri` (*number*)
 - Specifies a new value for the current priority of a transaction.
- `--directed-routing | --dirroute` (*string*)
 - Specifies the MSC directed routing option (N or Y).
Allowed values: N, Y
- `--edit-routine | --editrtn` (*string*)

- Specifies the 1- to 8-character name of your transaction input edit routine that edits messages before the program receives the message.
- `--edit-uppercase` | `--edituc` (*string*)
 - Specifies the edit to uppercase option (N or Y).

Allowed values: N, Y
- `--emh-buffer-size` | `--emhbsz` (*number*)
 - Specifies the EMH buffer size required to run the Fast Path transaction.
- `--expiration-time` | `--exptime` (*number*)
 - Specifies the elapsed time in seconds that IMS can use to cancel the input transaction.
- `--fast-path` | `--fp` (*string*)
 - Specifies the Fast Path option (E, N, P).

Allowed values: E, N, P
- `--inquiry` | `--inq` (*string*)
 - Specifies the inquiry option (N or Y).

Allowed values: N, Y
- `--limit-count` | `--lct` (*number*)
 - Specifies the limit count.
- `--limit-priority` | `--lpri` (*number*)
 - Specifies the limit priority.
- `--lock` | `-l` (*string*)
 - Specifies that the LOCK status is to be set on or off. Cannot be specified with any other SET attribute(ON or OFF).

Allowed values: ON, OFF
- `--log-write-ahead` | `--dclwa` (*string*)
 - Specifies the log write-ahead option (N or Y).

Allowed values: N, Y

- `--maximum-regions` | `--maxrgn` (*number*)
 - Specifies a new value for the maximum number of regions that can be simultaneously scheduled for a given transaction.
- `--message-type` | `--msgtype` (*string*)
 - Specifies the message type (single segment or multiple segment) (MULTSEG or SNGLSEG).

Allowed values: MULTSEG, SNGLSEG

- `--msname` | `--mn` (*string*)
 - Specifies the one- to eight-character name of the logical link path in a multiple IMS system configuration (MSC).
- `--normal-scheduling-priority` | `--npri` (*number*)
 - Specifies the normal scheduling priority.
- `--option` | `-o` (*string*)
 - Specifies functions to be performed along with the command (AFFIN or ALLRSP).

Allowed values: ALLRSP

- `--parallel-processing-limit` | `--parlim` (*number*)
 - Specifies the parallel processing limit count.
- `--program` | `--pgm` (*string*)
 - Specifies the name of the application program associated with the transaction.
- `--processing-limit-count` | `--plct` (*number*)
 - Specifies the processing limit count.
- `--processing-limit-count-time` | `--plcttime` (*number*)
 - Specifies the processing limit count time.
- `--recover` | `-r` (*string*)
 - Specifies the recovery option (N or Y).

Allowed values: N, Y

- `--remote | --re (string)`
 - Specifies the remote option (N or Y).

Allowed values: N, Y

- `--response-mode | --resp (string)`
 - Specifies the response mode option (N or Y).

Allowed values: N, Y

- `--route | --rte (array)`
 - Specifies the region(s) to route the command.
- `--segment-number | --segno (number)`
 - Specifies the segment number.
- `--segment-size | --segsz (number)`
 - Specifies the segment size.
- `--serial | --sr (string)`
 - Specifies the serial option (N or Y).

Allowed values: N, Y

- `--set-class | --sc (number)`
 - Specifies the transaction class, which is an attribute used to select a transaction for scheduling.
- `--system-identification-local | --sidl (number)`
 - Specifies the system identification (SYSID) of the local system in a multiple-IMS system (MSC) configuration.
- `--system-identification-remote | --sidr (number)`
 - Specifies the system identification (SYSID) of the remote system in a multiple-IMS system (MSC) configuration.
- `--scratchpad-area-size | --spasz (number)`

- Specifies the scratchpad area (SPA) size, in bytes, for a conversational transaction. The value can be a number from 16 and 32767.
- `--scratchpad-area-truncation | --spatrunc` (*string*)
 - Specifies the scratchpad area (SPA) truncation option of a conversational transaction (S or R).

Allowed values: S, R
- `--transaction-level-stat | --transtat` (*string*)
 - Specifies whether transaction level statistics should be logged for message driven programs (N or Y).

Allowed values: N, Y
- `--wait-for-input | --wfi` (*string*)
 - Specifies the wait-for input option (N or Y).

Allowed values: N, Y

IMS Connection Options

- `--host | -H` (*string*)
 - The IMS Operations API server host name.
- `--port | -P` (*number*)
 - The IMS Operations API server port.
- `--ims-connect-host | --ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port | --icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex | -x` (*string*)
 - The name of the IMS plex.

- `--user | -u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password | --pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile | --ims-p` (*string*)
 - The name of a (ims) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update a transaction named TRN1 to process exclusively as Fast Path:
 - `zowe ims update transaction "TRN1" --fp "E"`
- Unlock to allow scheduling all transactions beginning with TRN* and associated with class CLASSA:
 - `zowe ims update transaction "TRN*" --class "CLASSA" --lock "OFF"`
- Set response mode on for transaction named TRN2 and associated with classes CLASS1 and CLASS2:
 - `zowe ims update transaction "TRN2" --class "CLASS1 CLASS2" --resp "Y"`
- Update a transaction named TRN3 to process exclusively as Fast Path routing to control regions IMS1 and IMS2:
 - `zowe ims update transaction "TRN3" -fp "E" --route "IMS1 IMS2"`
- Associate PGM1 with transaction named TRN4 specifying optional connection parameters:

- o zowe ims update transaction "TRN4" --pgm "PGM1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"

[zowe > jclcheck](#)

Validates the accuracy of job control language (JCL) and also helps identify execution-time errors, such as security violations and missing data sets that could cause jobs to fail.

[zowe > jclcheck > check](#)

Perform a check on JCL that is contained in an MVS data set or a local file.

[zowe > jclcheck > check > data-set](#)

Reads the specified input data set and invokes the JCLCheck service with the data set contents.

Usage

```
zowe jclcheck check data-set <dataSet> [options]
```

Positional Arguments

- `dataSet` (*string*)
 - The MVS data set containing the JCL contents. The data set can be a physical sequential (PS) or partitioned data set (PDS) member. The data set attributes must be recfm fixed-block (FB) and lrecl 80. The data set must be catalogued.

Options

- `--max-return-code` | `--mrc` (*number*)
 - Specifies the maximum acceptable return code from the JCLCheck service. If the JCLCheck overall return code exceeds the value specified on this option, the command will exit with a failure status code of 1.
- `--raw-output` | `--ro` (*boolean*)
 - Causes the command to print the unformatted JCLCheck report (raw report) instead of the formatted error table. Use this option if you intend to change the format of the JCLCheck report via runtime options. Changing the format may affect the ability to produce a structured API response.

Default value: false

JCLCheck Connection Options

- `--host | -H (string)`
 - Host name of the JCLCheck API service that is running on the mainframe system.
- `--port | -P (number)`
 - Port for the JCLCheck API service that is running on the mainframe system.
- `--user | -u (string)`
 - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true
- `--protocol | -o (string)`
 - Specifies protocol to use for JCLCheck connection (http or https).

Default value: https

Allowed values: http, https
- `--jclcheck-options | --jo (string)`
 - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'.

Changing the format of the report will affect the ability to produce a structured API response.

Profile Options

- `--jclcheck-profile` | `--jclcheck-p` (*string*)
 - The name of a (jclcheck) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Check the JCL contained in "MY.DATASET(JCL)" and print a table of statements in error:
 - `zowe jclcheck check data-set "MY.DATASET(JCL)" --host hostname --port 1234 -jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN"`
- Check the JCL contained in "MY.DATASET(JCL)" and print the raw JCLCheck report:
 - `zowe jclcheck check data-set "MY.DATASET(JCL)" --host hostname --port 1234 -jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN" --raw-output`

[zowe](#) > [jclcheck](#) > [check](#) > [local-file](#)

Reads the contents of the local file specified and invokes the JCLCheck service with the JCL contents.

Usage

```
zowe jclcheck check local-file <localFile> [options]
```

Positional Arguments

- `localFile` (*string*)
 - The local file containing the JCL to check. The local JCL file can contain a single job or multiple jobs (specified one after another without blank lines or line breaks). The JCL lines in the file must not exceed 80 characters.

Options

- `--max-return-code` | `--mrc` (*number*)
 - Specifies the maximum acceptable return code from the JCLCheck service. If the JCLCheck overall return code exceeds the value specified on this option, the command will exit with a failure status code of 1.
- `--raw-output` | `--ro` (*boolean*)
 - Causes the command to print the unformatted JCLCheck report (raw report) instead of the formatted error table. Use this option if you intend to change the format of the JCLCheck report via runtime options. Changing the format may affect the ability to produce a structured API response.

Default value: false

JCLCheck Connection Options

- `--host` | `-H` (*string*)
 - Host name of the JCLCheck API service that is running on the mainframe system.
- `--port` | `-P` (*number*)
 - Port for the JCLCheck API service that is running on the mainframe system.
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--password` | `--pass` | `--pw` (*string*)
 - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol | -o` (*string*)
 - Specifies protocol to use for JCLCheck connection (http or https).
Default value: https
Allowed values: http, https
- `--jclcheck-options | --jo` (*string*)
 - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

Profile Options

- `--jclcheck-profile | --jclcheck-p` (*string*)
 - The name of a (jclcheck) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)

- The value of the token to pass to the API.

Examples

- Check the JCL contained in the file "jcl.txt" and print a table of statements in error:

- ```
zowe jclcheck check local-file jcl.txt --host hostname --port 1234 --
jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN"
```

- Check the JCL contained in the file "jcl.txt" and print the raw JCLCheck report:

- ```
zowe jclcheck check local-file jcl.txt --host hostname --port 1234 --
jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN" --raw-output
```

[zowe](#) › mat-pma-util

The CA MAT Detect plug-in for Zowe CLI enables you to detect performance issues and access performance data supplied by the Performance Management Assistant component (PMA) of CA Mainframe Application Tuner.

[zowe](#) › mat-pma-util › get

Get performance information using PMA utilities. You can get the current performance data of your jobs and check for the daily performance alerts.

[zowe](#) › mat-pma-util › get › alert

Check for alerts created in PMA and detect whether any of your jobs exceeds the average daily performance. If the threshold is exceeded, a PMA alert is triggered. We recommend that you include this command in your end-of-day build to trace all jobs that might cause performance degradation by code changes during the day.

Usage

```
zowe mat-pma-util get alert [options]
```

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
 - `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
 - `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- Default value: A
- `--job_load` | `--jl` (*string*)

- Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq` | `--jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Check whether any of your jobs exceeds the average daily performance using the default profile:
 - `zowe mat-pma-util get alert`
- Check whether any of your jobs exceeds the average daily performance using specific PMA profile details:
 - `zowe mat-pma-util get alert --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) › [mat-pma-util](#) › [get](#) › [alert-by-job](#)

Check whether the specified job exceeds the average daily performance. No record returned indicates that no performance degradation was detected for this job.

Usage

```
zowe mat-pma-util get alert-by-job <jobname> [options]
```

Positional Arguments

- `jobname` (*string*)
 - Specifies the name of the job that is being tested (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)

- Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

Default value: A

- `--job_load | --jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq | --jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile | --pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)
 - Host name of service on the mainframe.
- `--port | -P` (*number*)
 - Port number of service on the mainframe.
- `--user | -u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw` (*string*)

- Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Check whether your job TESTPMA8 exceeds the average daily performance using the default profile:
 - `zowe mat-pma-util get alert-by-job TESTPMA8`
- Check whether your job TESTPMA8 exceeds the average daily performance using specific PMA profile details:
 - `zowe mat-pma-util get alert-by-job TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) > [mat-pma-util](#) > [get](#) > [perf](#)

Get the current performance data of a specific job using PMA. If the current measurement results for any of the measured parameters are higher than average values, an alert message is displayed.

Usage

```
zowe mat-pma-util get perf <jobname> [options]
```

Positional Arguments

- `jobname` (*string*)
 - Specifies the name of the job that is being tested (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
 - `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
 - `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- Default value: A
- `--job_load` | `--jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
 - `--job_pmahlq` | `--jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)

- Host name of service on the mainframe.
 - `--port | -P (number)`
 - Port number of service on the mainframe.
 - `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
 - `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Get the current performance data of the TESTPMA8 job using the default profile:
 - `zowe mat-pma-util get perf TESTPMA8`
- Get the current performance data of the TESTPMA8 job using specific PMA profile details:
 - `zowe mat-pma-util get perf TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) > [mat-pma-util](#) > [scope](#)

Get and define the PMA scope information. You can create and update the list of jobs that you want to include, or the list of programs to be excluded from the PMA scope of work.

[zowe](#) > [mat-pma-util](#) > [scope](#) > [del-job](#)

Delete a job from the list of inclusions in the PMA scope.

Usage

```
zowe mat-pma-util scope del-job <jobname> [options]
```

Positional Arguments

- `jobname` (*string*)
 - Specifies the name of the job that you want to delete from the list of inclusions in the PMA scope (e.g. TESTPMA8).

Options

- `--stepname` | `--st` (*string*)
 - Specifies the name of the job step that you want to delete from the list of inclusions in the PMA scope.
- `--procstep` | `--ps` (*string*)
 - Specifies the procname of the job that you want to delete from the list of inclusions in the PMA scope.

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

Default value: A

- `--job_load` | `--jl` (*string*)

- Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq` | `--jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the TESTPMA8 job from the list of inclusions in the PMA scope:
 - `zowe mat-pma-util scope del-job TESTPMA8`
- Delete the specific procname and step name of the TESTPMA8 job from the list of inclusions in the PMA scope:
 - `zowe mat-pma-util scope del-job TESTPMA8 --ps TESTCALL --st TESTD0`
- Delete the specific procname and step name of the TESTPMA8 job from the list of inclusions in the PMA scope using specific PMA profile details:
 - `zowe mat-pma-util scope del-job TESTPMA8 --ps TESTCALL --st TESTD0 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) › [mat-pma-util](#) › [scope](#) › [del-pgm](#)

Delete a program from the list of exclusions from the PMA scope.

Usage

```
zowe mat-pma-util scope del-pgm <pgmname> [options]
```

Positional Arguments

- `pgmname` (*string*)
 - Specifies the name of the program that you want to delete from the list of exclusions from the PMA scope (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)

- Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- Default value: A
- `--job_load` | `--jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq` | `--jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)

- User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the TESTPMA8 program from the exclusions list from the PMA scope:
 - `zowe mat-pma-util scope del-pgm TESTPMA8`
- Delete the TESTPMA8 program from the exclusions list from the PMA scope using specific PMA profile details:
 - `zowe mat-pma-util scope del-pgm TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) > [mat-pma-util](#) > [scope](#) > [exl-pgm](#)

Exclude a program from the PMA scope of work.

Usage

```
zowe mat-pma-util scope exl-pgm <pgmname> [options]
```

Positional Arguments

- `pgmname` (*string*)
 - Specifies the name of the program that you want to add to the list of exclusions from the PMA scope (e.g. TESTPMA8).

Options

- `--description | --dc (string)`
 - Specifies the description of the program that you want to exclude from the PMA scope.

PMA Connection Options

- `--job_acct | --ja (string)`
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class | --jc (string)`
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass | --jmc (string)`
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

Default value: A

- `--job_load | --jl (string)`
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq | --jph (string)`
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile | --pma-p (string)`
 - The name of a (pma) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Exclude the TESTPMA8 program from the PMA scope:
 - `zowe mat-pma-util scope exl-pgm TESTPMA8`
- Exclude the TESTPMA8 program from the PMA scope and add a description to the excluded program:
 - `zowe mat-pma-util scope exl-pgm TESTPMA8 --dc "EXCLUDE FROM THE CURRENT SCOPE"`

- Exclude the TESTPMA8 program from the PMA scope and add a description to the excluded program using specific PMA profile details:

- ```
zowe mat-pma-util scope excl-pgm TESTPMA8 --dc "EXCLUDE FROM THE CURRENT SCOPE" --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ
```

## [zowe](#) > [mat-pma-util](#) > [scope](#) > [get-listj](#)

Get the list of jobs included in the PMA scope.

### Usage

```
zowe mat-pma-util scope get-listj [options]
```

### PMA Connection Options

- `--job_acct` | `--ja` (*string*)
    - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
  - `--job_class` | `--jc` (*string*)
    - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
  - `--job_mclass` | `--jmc` (*string*)
    - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job\_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- Default value: A
- `--job_load` | `--jl` (*string*)
    - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
  - `--job_pmahlq` | `--jph` (*string*)
    - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

### Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)

- The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
  - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
  - The name of a (base) profile to load for this command execution.

## Base Connection Options

- `--host` | `-H` (*string*)
    - Host name of service on the mainframe.
  - `--port` | `-P` (*number*)
    - Port number of service on the mainframe.
  - `--user` | `-u` (*string*)
    - User name to authenticate to service on the mainframe.
  - `--password` | `--pass` | `--pw` (*string*)
    - Password to authenticate to service on the mainframe.
  - `--reject-unauthorized` | `--ru` (*boolean*)
    - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
  - `--token-value` | `--tv` (*string*)
    - The value of the token to pass to the API.

## Examples

- Get the list of jobs included in the PMA scope:
  - `zowe mat-pma-util scope get-listj`

- Get the list of jobs included in the PMA scope using specific PMA profile details:

- `zowe mat-pma-util scope get-listj --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PM AHLQ`

## [zowe](#) > [mat-pma-util](#) > [scope](#) > [get-listp](#)

Get the list of programs excluded from the PMA scope.

### Usage

```
zowe mat-pma-util scope get-listp [options]
```

### PMA Connection Options

- `--job_acct` | `--ja` (*string*)
    - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
  - `--job_class` | `--jc` (*string*)
    - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
  - `--job_mclass` | `--jmc` (*string*)
    - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job\_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- Default value: A
- `--job_load` | `--jl` (*string*)
    - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
  - `--job_pmahlq` | `--jph` (*string*)
    - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

### Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)

- The name of a (zosmf) profile to load for this command execution.
- `--pma-profile` | `--pma-p` (*string*)
  - The name of a (pma) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
  - The name of a (base) profile to load for this command execution.

## Base Connection Options

- `--host` | `-H` (*string*)
    - Host name of service on the mainframe.
  - `--port` | `-P` (*number*)
    - Port number of service on the mainframe.
  - `--user` | `-u` (*string*)
    - User name to authenticate to service on the mainframe.
  - `--password` | `--pass` | `--pw` (*string*)
    - Password to authenticate to service on the mainframe.
  - `--reject-unauthorized` | `--ru` (*boolean*)
    - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
  - `--token-value` | `--tv` (*string*)
    - The value of the token to pass to the API.

## Examples

- Get the list of programs excluded from the PMA scope:
  - `zowe mat-pma-util scope get-listp`

- Get the list of programs excluded from the PMA scope using specific PMA profile details:

- ```
zowe mat-pma-util scope get-listp --ja 123456789 --jc A --jmc A --jl  
HLQ.CEETLOAD --jph PMAHLQ
```

[zowe](#) > [mat-pma-util](#) > [scope](#) > [inc-job](#)

Include a job in the PMA scope of work.

Usage

```
zowe mat-pma-util scope inc-job <jobname> [options]
```

Positional Arguments

- `jobname` (*string*)
 - Specifies the name of the job that you want to add to the list of inclusions in the PMA scope (e.g. TESTPMA8).

Options

- `--stepname` | `--st` (*string*)
 - Specifies the name of the job step that you want to include in the PMA scope.
- `--procstep` | `--ps` (*string*)
 - Specifies the procname of the job that you want to include in the PMA scope.
- `--description` | `--dc` (*string*)
 - Specifies the description of the job that you want to include in the PMA scope.

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)

- Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

Default value: A

- `--job_load | --jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq | --jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--pma-profile | --pma-p` (*string*)
 - The name of a (pma) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H` (*string*)
 - Host name of service on the mainframe.
- `--port | -P` (*number*)
 - Port number of service on the mainframe.
- `--user | -u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw` (*string*)

- Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Include the TESTPMA8 job in the PMA scope:
 - `zowe mat-pma-util scope inc-job TESTPMA8`
- Include the specific procname and step name of the TESTPMA8 job in the PMA scope and add a description to the included job:
 - `zowe mat-pma-util scope inc-job TESTPMA8 --ps TESTCALL --st TESTD0 --dc "INCLUDE IN THE CURRENT SCOPE"`
- Include the specific procname and step name of the TESTPMA8 job in the PMA scope and add a description to the included job using specific PMA profile details:
 - `zowe mat-pma-util scope inc-job TESTPMA8 --ps TESTCALL --st TESTD0 --dc "INCLUDE IN THE CURRENT SCOPE" --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) > [mq](#)

Interact with IBM MQ for z/OS.

[zowe](#) > [mq](#) > [run](#)

MQ Utilities

[zowe](#) > [mq](#) > [run](#) > [mqsc](#)

MQ Utilities

Usage

```
zowe mq run mqsc <qmgr> <cmd> [options]
```

Positional Arguments

- `qmgr (string)`
 - The queue manager to apply the command to
- `cmd (string)`
 - The MQSC command

MQ Connection Options

- `--host | -H (string)`
 - The host name used to access the IBM MQ REST API. This might be the host name of the IBM MQ mqweb server, or the Zowe API Mediation Layer..
- `--port | -P (number)`
 - The port number used to access the IBM MQ REST API. This might be the port number of the IBM MQ mqweb server, or the Zowe API Mediation Layer.
- `--user | -u (string)`
 - The mainframe (MQ) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`

- The mainframe (MQ) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: false
- `--protocol` | `-o` (*string*)
 - Specifies the MQ protocol (http or https).

Default value: http

Allowed values: http, https

Profile Options

- `--mq-profile` | `--mq-p` (*string*)
 - The name of a (mq) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- The following sequence shows how to query a server-connection channel that is called NEWSVRCONN on an MQ queue manager - our example queue manager is called MQ99:
 - `zowe mq run mqsc MQ99 "DISPLAY CHANNEL(NEWSVRCONN)"`

[zowe > ops](#)

Interact with CA® OPS/MVS® for automation administration and resource management.

[zowe > ops > disable](#)

Disable CA OPS/MVS rules.

[zowe > ops > disable > rule](#)

Disable the specified rule.

Usage

```
zowe ops disable rule <ruleset> <rule> [options]
```

Positional Arguments

- `ruleset` (*string*)
 - The rule set containing the rule.
- `rule` (*string*)
 - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.

- `--reject-unauthorized | --ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

Default value: true
- `--protocol | --prot` (*string*)
 - The protocol used for connecting to OPS Web Services

Default value: https

Allowed values: http, https
- `--subsystem | --subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile | --ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Disable MYRULE on ruleset OPSRULES on subsystem OPSS.:
 - `zowe ops disable rule OPSRULES MYRULE --subsystem OPSS`

[zowe](#) > [ops](#) > [enable](#)

Enables OPS/MVS rules. This will cause SSM to take the necessary action to enable that rule.

[zowe](#) > [ops](#) > [enable](#) > [rule](#)

Enable the specified rule.

Usage

```
zowe ops enable rule <ruleset> <rule> [options]
```

Positional Arguments

- `ruleset` (*string*)
 - The rule set containing the rule.
- `rule` (*string*)
 - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
 - `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
 - `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
 - `--port` | `-p` (*number*)
 - The port number for OPS Web Services.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.
- Default value: true

- `--protocol | --prot` (*string*)
 - The protocol used for connecting to OPS Web Services
Default value: https
Allowed values: http, https
- `--subsystem | --subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile | --ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Enable MYRULE on ruleset OPSRULES on subsystem OPSS.:
 - `zowe ops enable rule OPSRULES MYRULE --subsystem OPSS`

[zowe > ops > show](#)

Display data associated with CA OPS/MVS automation elements (for example, rules or SSM resources).

[zowe > ops > show > resource](#)

Display data associated with the specified SSM resource. Currently, only resource state is displayed.

Usage

```
zowe ops show resource <resourcename> [options]
```

Positional Arguments

- `resourcename` (*string*)
 - The name of the resource.

Options

- `--tablename` | `--table` (*string*)
 - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

Default value: true

- `--protocol | --prot` (*string*)
 - The protocol used for connecting to OPS Web Services
Default value: https
Allowed values: http, https
- `--subsystem | --subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile | --ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Show current and desired state of RESOURCE1 on table MYTABLE on subsystem OPSS.:
 - `zowe ops show resource RESOURCE1 --tablename MYTABLE --subsystem OPSS`

[zowe](#) > [ops](#) > [show](#) > [rule](#)

Display data associated with the specified rule. Currently, only rule status is displayed.

Usage

```
zowe ops show rule <ruleset> <rule> [options]
```

Positional Arguments

- `ruleset` (*string*)
 - The rule set containing the rule.
- `rule` (*string*)
 - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

Default value: true
- `--protocol` | `--prot` (*string*)
 - The protocol used for connecting to OPS Web Services

Default value: https

Allowed values: http, https
- `--subsystem` | `--subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Show the status of MYRULE on ruleset OPSRULES on subsystem OPSS:
 - `zowe ops show rule OPSRULES MYRULE --subsystem OPSS`

[zowe](#) > [ops](#) > [start](#)

Start CA OPS/MVS resources.

[zowe](#) > [ops](#) > [start](#) > [resource](#)

Start the specified resource. The desired state of the resource will be set to the appropriate UP state and SSM will take actions to start the resource.

Usage

```
zowe ops start resource <resourcename> [options]
```

Positional Arguments

- `resourcename` (*string*)
 - The name of the resource.

Options

- `--tablename | --table (string)`
 - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.
- `--wait | -w (number)`
 - Wait for the specified number of seconds for the current state of the SSM resource to match the new desired state. If more than the specified number of seconds elapses and the current and desired state still do not match, the command will fail with a timeout error.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user (string)`
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password | --pass (string)`
 - Your z/OS password used to authenticate to OPS Web Services
- `--host (string)`
 - The hostname of the server where OPS Web Services is running.
- `--port | -p (number)`
 - The port number for OPS Web Services.
- `--reject-unauthorized | --ru (boolean)`
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

Default value: true
- `--protocol | --prot (string)`
 - The protocol used for connecting to OPS Web Services

Allowed values: http, https

- `--subsystem` | `--subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Start RESOURCE1 on table MYTABLE on subsystem OPSS.:
 - `zowe ops start resource RESOURCE1 --tablename MYTABLE --subsystem OPSS`
- Start RESOURCE1 on table MYTABLE on subsystem OPSS and wait for up to 2 minutes for RESOURCE1 to have a current state of UP.:
 - `zowe ops start resource RESOURCE1 --tablename MYTABLE --subsystem OPSS -w 120`

[zowe](#) > [ops](#) > [stop](#)

Stop CA OPS/MVS resources.

[zowe](#) > [ops](#) > [stop](#) > [resource](#)

Stop the specified resource. The desired state of the resource will be set to the appropriate DOWN state and SSM will take actions to start the resource.

Usage

```
zowe ops stop resource <resourcename> [options]
```

Positional Arguments

- `resourcename` (*string*)
 - The name of the resource.

Options

- `--tablename` | `--table` (*string*)
 - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.
- `--wait` | `-w` (*number*)
 - Wait for the specified number of seconds for the current state of the SSM resource to match the new desired state. If more than the specified number of seconds elapses and the current and desired state still do not match, the command will fail with a timeout error.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.

- `--reject-unauthorized | --ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.
- Default value: true
- `--protocol | --prot` (*string*)
 - The protocol used for connecting to OPS Web Services
- Default value: https
- Allowed values: http, https
- `--subsystem | --subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile | --ops-p` (*string*)
 - The name of a (ops) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Stop RESOURCE1 on table MYTABLE on subsystem OPSS.:

- `zowe ops stop resource RESOURCE1 --tablename MYTABLE --subsystem OPSS`

- Start RESOURCE1 on table MYTABLE on subsystem OPSS and wait for up to 2 minutes for RESOURCE1 to have a current state of DOWN.:
 - `zowe ops stop resource RESOURCE1 --tablename MYTABLE --subsystem OPSS -w 120`

[zowe](#) > [plugins](#)

Install and manage plug-ins

[zowe](#) > [plugins](#) > [install](#)

Install plug-ins to an application.

Usage

```
zowe plugins install [plugin...] [options]
```

Positional Arguments

- `plugin...` (*string*)
 - A space-separated list of plug-ins to install. A plug-in can be any format that is accepted by the `npm install` command (local directory, TAR file, git URL, public package, private package, etc...).

To use a relative local directory, at least one '/' or " must exist in the plug-in path. For example, you have a local plug-in in a folder called 'test-plugin' that you want to install. Specify the relative local directory by issuing the following command:

```
zowe plugins install ./test-plugin
```

If you omit the '.', then the install command looks for 'test-plugin' in an npm registry.

If the plugin argument is omitted, the `plugins.json` file will determine which plug-ins are installed. For more information on the `plugins.json` file, see the `--file` option.

Options

- `--file` (*local file path*)
 - Specifies the location of a `plugins.json` file that contains the plug-ins you want to install.

All plug-ins specified in `plugins.json` will be installed to the base CLI and the contents will be placed into `~/.zowe/plugins/plugins.json`.

If you do not specify a `plugins.json` file and do not specify a plug-in, the default `plugin.json` file (`~/.zowe/plugins/plugin.json`) will be used. This provides a way to install plug-ins that were lost or corrupted after reinstalling or updating Zowe CLI.

- `--registry` (*string*)
 - The npm registry that is used when installing remote packages. When this value is omitted, the value returned by `npm config get registry` is used.
For more information about npm registries, see: <https://docs.npmjs.com/misc/registry>
- `--login` (*boolean*)
 - The flag to add a registry user account to install from secure registry. It saves credentials to the .npmrc file using `npm adduser`. When this value is omitted, credentials from .npmrc file is used. If you used this flag once for specific registry, you don't have to use it again, it uses credentials from .npmrc file.
For more information about npm registries, see: <https://docs.npmjs.com/cli/adduser>

Examples

- Install plug-ins saved in `~/.zowe/plugins/plugins.json`:
 - `zowe plugins install`
- Install plug-ins saved in a properly formatted config file:
 - `zowe plugins install --file /some/file/path/file_name.json`
- Install a remote plug-in:
 - `zowe plugins install my-plugin`
- Install a remote plug-in using semver:
 - `zowe plugins install my-plugin@"^1.2.3"`
- Install a remote plug-in from the specified registry:
 - `zowe plugins install my-plugin --registry https://registry.npmjs.org/`
- Install a local folder, local TAR file, and a git URL:
 - `zowe plugins install ./local-file /root/tar/some-tar.tgz
git://github.com/project/repository.git#v1.0.0`
- Install a remote plug-in from the registry which requires authorization(don't need to use this flag if you have already logged in before):

- `zowe plugins install my-plugin --registry https://registry.npmjs.org/ --login`

[zowe](#) > [plugins](#) > [list](#)

List all plug-ins installed.

Usage

`zowe plugins list [options]`

[zowe](#) > [plugins](#) > [uninstall](#)

Uninstall plug-ins.

Usage

`zowe plugins uninstall [plugin...] [options]`

Positional Arguments

- `plugin...` (*string*)
 - The name of the plug-in to uninstall.

If the plug-in argument is omitted, no action is taken.

Examples

- Uninstall a plug-in:

- `zowe plugins uninstall my-plugin`

[zowe](#) > [plugins](#) > [update](#)

Update plug-ins.

Usage

`zowe plugins update [plugin...] [options]`

Positional Arguments

- `plugin...` (*string*)
 - The name of the plug-in to update.

If the plug-in argument is omitted, no action is taken.

Options

- `--registry` (*string*)
 - The npm registry that is used when installing remote packages. When this value is omitted, the value returned by `npm config get registry` is used.
For more information about npm registries, see: <https://docs.npmjs.com/misc/registry>
- `--login` (*boolean*)
 - The flag to add a registry user account to install from secure registry. It saves credentials to the .npmrc file using `npm adduser`. When this value is omitted, credentials from .npmrc file is used. If you used this flag once for specific registry, you don't have to use it again, it uses credentials from .npmrc file.
For more information about npm registries, see: <https://docs.npmjs.com/cli/adduser>

Examples

- Update a plug-in:
 - `zowe plugins update my-plugin`
- Update a remote plug-in from the registry which requires authorization(don't need to use this flag if you have already logged in before):
 - `zowe plugins update my-plugin --registry https://registry.npmjs.org/ --login`

[zowe](#) › [plugins](#) › [validate](#)

Validate a plug-in that has been installed.

Usage

`zowe plugins validate [plugin] [options]`

Positional Arguments

- `plugin` (*string*)
 - The name of the plug-in to validate. Validation issues identified for this plug-in are displayed.

If the plug-in argument is omitted, all installed plug-ins are validated.

Examples

- Validate a plug-in named my-plugin:

- `zowe plugins validate my-plugin`

- Validate all installed plug-ins:

- `zowe plugins validate`

[zowe](#) › profiles

Create and manage configuration profiles

[zowe](#) › profiles › create

Create new configuration profiles.

[zowe](#) › profiles › create › base-profile

Base profile that stores values shared by multiple service profiles

Usage

```
zowe profiles create base-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new base profile. You can load this profile by using the name on commands that support the "--base-profile" option.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the base profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a profile called 'base1' to connect to host example.com and port 443:
 - `zowe profiles create base-profile base1 --host example.com --port 443 --user admin --password 123456`
- Create a profile called 'base2' to connect to host example.com (default port - 443) and allow self-signed certificates:
 - `zowe profiles create base-profile base2 --host example.com --user admin --password 123456 --reject-unauthorized false`
- Create a profile called 'base3' to connect to host example.com and port 1443, not specifying a username or password so they are not stored on disk; these will need to be specified on every command:
 - `zowe profiles create base-profile base3 --host example.com --port 1443`
- Create a zosmf profile called 'base4' to connect to default port 443 and allow self-signed certificates, not specifying a username, password, or host so they are not stored on disk; these will need to be specified on every command:
 - `zowe profiles create base-profile base4 --reject-unauthorized false`

[zowe](#) > [profiles](#) > [create](#) > [ca7-profile](#)

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

```
zowe profiles create ca7-profile <profileName> [options]
```

Positional Arguments

- `<profileName>` (*string*)
 - Specifies the name of the new ca7 profile. You can load this profile by using the name on commands that support the "--ca7-profile" option.

CA7 Connection Options

- `--host` | `-H` (*string*)
 - Host name of the CA7 API service that is running on the mainframe system.
Default value: localhost
- `--port` | `-P` (*number*)
 - Port for the CA7 API service that is running on the mainframe system.
Default value: 8080
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value: MASTER
- `--password` | `--pass` | `--pw` (*string*)
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
Default value:
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Default value: https
Allowed values: http, https

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the ca7 profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

[zowe](#) > [profiles](#) > [create](#) > [caspool-profile](#)

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

```
zowe profiles create caspool-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new caspool profile. You can load this profile by using the name on commands that support the "--caspool-profile" option.

CA SPOOL OPTIONS

- `--account | -a (string)`
 - z/OS TSO/E accounting information.
- `--spoolhlq | --hlq (string)`
 - High level qualifier of CA Spool installation.

- `--subsys` | `--sub` (*string*)
 - CA Spool subsystem name.
Default value: ESF
- `--outds` | `--out` (*string*)
 - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for each Zowe CLI user interacting with CA Spool.
- `--clist` | `--cl` (*string*)
 - The data set containing ESFZOWE REXX exec.

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the caspool profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a profile for CA Spool named 'myProfile' with TSO account information '1234567890', CA Spool installation high level qualifier of 'CASPOOL.HLQ', subsystem name 'ESF1', output response data set 'OUTPUT.RESPONSE.DS', and data set 'USER.CLIST', containing ESFZOWE REXX exec:
 - `zowe profiles create caspool-profile myProfile --account 1234567890 --spoolhlq CASPOOL.HLQ --subsys ESF1 --outds OUTPUT.RESPONSE.DS --clist USER.CLIST`

[zowe](#) > [profiles](#) > [create](#) > [caview-profile](#)

Configuration profile for CA View

Usage

```
zowe profiles create caview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new caview profile. You can load this profile by using the name on commands that support the "--caview-profile" option.

Options

- `--protocol` (*string*)
 - Protocol of the target CA View REST API instance.
Default value: https
Allowed values: http, https
- `--port` (*number*)
 - Port of the target CA View REST API instance.
Default value: 443
- `--base-path` (*string*)
 - Context name of the target CA View REST API instance.
Default value: web-viewer
- `--overwrite | --ow` (*boolean*)
 - Overwrite the caview profile when a profile of the same name exists.
- `--disable-defaults | --dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Required Options

- `--hostname` (*string*)
 - Hostname or ip address of the target CA View REST API instance.
- `--username` (*string*)
 - User name used to authenticate against the target CA View REST API instance.
- `--password` (*string*)
 - Password used to authenticate against the target CA View REST API instance.

Examples

- Create a profile for CA View® Plug-in for Zowe CLI named 'myProfile' to connect to 'mf.company.org' over HTTP on port 80 using the 'johndoe' account.:
 - `zowe profiles create caview-profile myProfile --hostname mf.company.org --protocol http --port 80 --username johndoe --password secret`

[zowe](#) > [profiles](#) > [create](#) > [cics-profile](#)

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

```
zowe profiles create cics-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new cics profile. You can load this profile by using the name on commands that support the "--cics-profile" option.

Required Options

- `--host` | `-H` (*string*)
 - The CMCI server host name
- `--user` | `-u` (*string*)
 - Your username to connect to CICS
- `--password` | `-p` (*string*)
 - Your password to connect to CICS

Options

- `--port` | `-P` (*number*)
 - The CMCI server port
- Default value: 1490

- `--region-name` (*string*)
 - The name of the CICS region name to interact with
- `--cics-plex` (*string*)
 - The name of the CICSPlex to interact with
- `--overwrite | --ow` (*boolean*)
 - Overwrite the cics profile when a profile of the same name exists.
- `--disable-defaults | --dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Cics Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--protocol | -o` (*string*)
 - Specifies CMCI protocol (http or https).

Default value: https

Allowed values: http, https

Examples

- Create a cics profile named 'cics123' to connect to CICS at host zos123 and port 1490:

- `zowe profiles create cics-profile cics123 --host zos123 --port 1490 --user ibmuser --password myp4ss`

[zowe](#) > [profiles](#) > [create](#) > [db2-profile](#)

A profile for interaction with Db2 for the z/OS region

Usage

`zowe profiles create db2-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new db2 profile. You can load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--host` | `-H` (*string*)
 - The Db2 server host name
- `--port` | `-P` (*number*)
 - The Db2 server port number
- `--user` | `-u` (*string*)
 - The Db2 user ID (may be the same as the TSO login)
- `--password` | `--pass` | `--pw` (*string*)
 - The Db2 password (may be the same as the TSO password)
- `--database` | `-d` (*string*)
 - The name of the database
- `--ssl-file` | `-s` (*string*)
 - Path to an SSL Certificate file
- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the db2 profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

[zowe](#) > [profiles](#) > [create](#) > [ebg-profile](#)

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

```
zowe profiles create ebg-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new ebg profile. You can load this profile by using the name on commands that support the "--ebg-profile" option.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).
- `--token` | `-t` (*string*)
 - Git personal access token (it can be obtained from your Git Enterprise Server).
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: false

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the ebg profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)

- Disable populating profile values of undefined properties with default values.

[zowe](#) > [profiles](#) > [create](#) > [endeavor-location-profile](#)

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

```
zowe profiles create endeavor-location-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new endeavor-location profile. You can load this profile by using the name on commands that support the "--endeavor-location-profile" option.

Options

- `--instance` | `-i` (*string*)
 - The STC/datasource of the session
- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides

Default value: DEV

- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where the element resides
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your element resides
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage where your project resides

Allowed values: 1, 2

- `--comment | --com` (*string*)
 - The CA Endevor SCM comment you want to use when performing an action
- `--ccid | --cci` (*string*)
 - The CA Endevor SCM CCID you want to use when performing an action
- `--maxrc` (*number*)
 - The return code of CA Endevor SCM that defines a failed action
Default value: 12
- `--overwrite | --ow` (*boolean*)
 - Overwrite the endevor-location profile when a profile of the same name exists.
- `--disable-defaults | --dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a location profile called 'ndvrLoc' to work at CA Endevor SCM location ENV/1/SYS/SUBSYS, with elements of type COBOL, using CA Endevor SCM web services configuration ENDEVOR:

```
◦ zowe profiles create endevor-location-profile ndvrLoc --env ENV --sys SYS --
  sub SUBSYS --typ COBOL --sn 1 -i ENDEVOR
```

- Create a location profile called 'ndvrLoc2' to work at CA Endevor SCM location ENV/1/SYS/SUBSYS, using CCID 'CCID' and comment 'sample comment':

```
◦ zowe profiles create endevor-location-profile ndvrLoc2 --env ENV --sys SYS -
  -sub SUBSYS --sn 1 --com 'sample comment' --cci 'CCID'
```

[zowe](#) > [profiles](#) > [create](#) > [endevor-profile](#)

The CA Endevor SCM endevor profile schema, where you specify your endevor session information and credentials

Usage

`zowe profiles create endevor-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new endevor profile. You can load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--host` | `--hostname` (*string*)
 - The hostname of the endevor session
- `--port` | `-p` (*number*)
 - The port number of the endevor session
- `--user` | `--username` (*string*)
 - The username of the endevor session
- `--password` | `--pass` (*string*)
 - The password of the user
- `--protocol` | `--prot` (*string*)
 - The protocol used for connecting to CA Endevor SCM Rest API
 - Default value: http
 - Allowed values: http, https
- `--base-path` | `--bp` (*string*)
 - The base path used for connecting to CA Endevor SCM Rest API
 - Default value: EndevorService/rest
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set, the server certificate is verified against the list of supplied CAs
- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the endevor profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)

- Disable populating profile values of undefined properties with default values.

Examples

- Create an endevor profile called 'ndvrSample' to connect to CA Endevor SCM web services at host ndvr123 and port 8080, using http protocol, with /EndevorService/rest base path, allowing self-signed certificates:

```
○ zowe profiles create endevor-profile ndvrSample --host ndvr123 --port 8080 -  
-user ibmuser --password myp4ss --prot http --base-path EndevorService/rest -  
-reject-unauthorized false
```

[zowe](#) > [profiles](#) > [create](#) > [fmp-profile](#)

CA File Master Plus profile schema.

Usage

`zowe profiles create fmp-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new fmp profile. You can load this profile by using the name on commands that support the "--fmp-profile" option.

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
- `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol` | `-o` (*string*)

- Specifies CA File Master Plus REST API protocol.
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized | --ru` (boolean)
 - Reject self-signed certificates.
 - Default value: true
- `--base-path | --bp` (string)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Options

- `--overwrite | --ow` (boolean)
 - Overwrite the fmp profile when a profile of the same name exists.
- `--disable-defaults | --dd` (boolean)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a fmp profile with http protocol:
 - `zowe profiles create fmp-profile fmp123 --host fmphost --port 19853 --user mfuser --password m4pass --protocol http`
- Create a fmp profile with https protocol and allow self-signed certificates:
 - `zowe profiles create fmp-profile fmp234 --host fmphost --port 19854 --user mfuser --password m4pass --protocol https --reject-unauthorized false`
- Create a fmp profile with API Mediation layer:
 - `zowe profiles create fmp-profile fmpAPIML --host fmphost --port 2020 --user mfuser --pass mfp4ss --protocol https --reject-unauthorized false --base-path /api/v1/serviceID`

[zowe](#) > [profiles](#) > [create](#) > [idms-profile](#)

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

```
zowe profiles create idms-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new idms profile. You can load this profile by using the name on commands that support the "--idms-profile" option.

IDMS Connection Options

- `--host` | `-H` (*string*)
 - Host name of the IDMS REST API service
- `--port` | `-P` (*number*)
 - Port for the IDMS REST API service
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login ID
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password
- `--datasource` | `-d` (*string*)
 - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API
- `--base-path` | `--bp` (*string*)
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates

Default value: true

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the idms profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

Examples

- Create an IDMS profile called 'idms11' to connect to IDMS API services at host zos123 and port 1234, with base path api/v1/caidms and allow self-signed certificates:
 - `zowe profiles create idms-profile idms11 --host zos123 --port 1234 --user myuid --password mypass --base-path api/v1/caidms --reject-unauthorized false`
- Create an IDMS profile called 'idms99' to connect to IDMS API services at host zos123 and port 1234, specify a default data source SYS195 to be used by JDBC to identify a target system and allow self-signed certificates:
 - `zowe profiles create idms-profile idms99 --host zos123 --port 1234 --user myuid --password mypass --datasource SYS195 --reject-unauthorized false`

[zowe](#) › [profiles](#) › [create](#) › [ims-profile](#)

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

`zowe profiles create ims-profile <profileName> [options]`

Positional Arguments

- `profileName (string)`

- Specifies the name of the new ims profile. You can load this profile by using the name on commands that support the "--ims-profile" option.

IMS Connection Options

- `--host | -H (string)`
 - The IMS Operations API server host name.
- `--port | -P (number)`
 - The IMS Operations API server port.
- `--ims-connect-host | --ich (string)`
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port | --icp (number)`
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex | -x (string)`
 - The name of the IMS plex.
- `--user | -u (string)`
 - The web server user name where the IMS Operations API resides.
- `--password | --pass (string)`
 - The web server user password where the IMS Operations API resides.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the ims profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a ims profile named 'ims123' to connect to IMS APIs at host zos123 and port 1490. The name of the IMS plex in this example is 'PLEX1' and the IMS region we want to communicate with has a host of zos124 and a port of 1491:
 - `zowe profiles create ims-profile ims123 --host zos123 --port 1490 --user ibmuser --pass myp4ss --plex PLEX1 --ich zos124 --icp 1491`

[zowe](#) > [profiles](#) > [create](#) > [jclcheck-profile](#)

A JCLCheck profile is required to issue commands in the `jcl` command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

```
zowe profiles create jclcheck-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new `jclcheck` profile. You can load this profile by using the name on commands that support the "`--jclcheck-profile`" option.

JCLCheck Connection Options

- `--host` | `-H` (*string*)
 - Host name of the JCLCheck API service that is running on the mainframe system.
- `--port` | `-P` (*number*)
 - Port for the JCLCheck API service that is running on the mainframe system.
- `--user` | `-u` (*string*)
 - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--password` | `--pass` | `--pw` (*string*)

- Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--protocol` | `-o` (*string*)
 - Specifies protocol to use for JCLCheck connection (http or https).
Default value: https
Allowed values: http, https
- `--jclcheck-options` | `--jo` (*string*)
 - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the jclcheck profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a JCLCheck profile named 'jcl123' to run JCLCheck at host zos123 and port 1234:

- `zowe profiles create jclcheck-profile jcl123 --host zos123 --port 1234 --user ibmuser --pass myp4ss`
- Create a JCLCheck profile with default set of JCLCheck runtime options specified:
 - `zowe profiles create jclcheck-profile jcl123 --host zos123 --port 1234 --user ibmuser --pass myp4ss --jo "NOAS NOAU NOHCD NOJCL NORES NOSIGN"`

[zowe](#) › [profiles](#) › [create](#) › [mq-profile](#)

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

```
zowe profiles create mq-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new mq profile. You can load this profile by using the name on commands that support the "--mq-profile" option.

Required Options

- `--host` | `-H` (*string*)
 - The MQ Rest server host name
- `--port` | `-P` (*number*)
 - Port number of your MQ REST API server
- `--user` | `-u` (*string*)
 - User name to authenticate to your MQ REST API server
- `--password` | `-p` (*string*)
 - Password to authenticate to your MQ REST API server

MQ Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
Default value: false
- `--protocol | -o (string)`

- Specifies the MQ protocol (http or https).

Default value: http

Allowed values: http, https

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the mq profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

Examples

- Create an MQ profile named 'mqprofile' to connect to MQ at host zos123 and port 1234:

- `zowe profiles create mq-profile mq --host mq123 --port 1234 --user ibmuser --password myp4ss`

[zowe](#) > [profiles](#) > [create](#) > [ops-profile](#)

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

`zowe profiles create ops-profile <profileName> [options]`

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new ops profile. You can load this profile by using the name on commands that support the "--ops-profile" option.

OPS WEB SERVICES CONNECTION OPTIONS

- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.
- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--protocol` | `--prot` (*string*)
 - The protocol used for connecting to OPS Web Services
 - Default value: https
 - Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

Default value: true
- `--subsystem` | `--subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the ops profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create an OPS profile called 'myLPAR' to connect to OPS Web Services at host lpar123 and port 8080, using http protocol, allowing self-signed certificates:

- `zowe profiles create ops-profile myLPAR --host lpar123 --port 8080 --user ibmuser --password !@#$^ --prot http --reject-unauthorized false`

[zowe](#) > [profiles](#) > [create](#) > [pma-profile](#)

CA MAT Detect CLI profile schema.

Usage

`zowe profiles create pma-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new pma profile. You can load this profile by using the name on commands that support the "--pma-profile" option.

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

Default value: A

- `--job_load` | `--jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)
- `--job_pmahlq` | `--jph` (*string*)

- Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the pma profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a PMA profile called pma123 using your valid jobcard and PMA configuration details:
 - `zowe profiles create pma-profile pma123 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

[zowe](#) > [profiles](#) > [create](#) > [ssh-profile](#)

z/OS SSH Profile

Usage

`zowe profiles create ssh-profile <profileName> [options]`

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new ssh profile. You can load this profile by using the name on commands that support the "--ssh-profile" option.

z/OS Ssh Connection Options

- `--host | -H (string)`
 - The z/OS SSH server host name.
- `--port | -P (number)`
 - The z/OS SSH server port.

Default value: 22

- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password.
- `--privateKey` | `--key` | `--pk` (*string*)
 - Path to a file containing your private key, that must match a public key stored in the server for authentication
- `--keyPassphrase` | `--passphrase` | `--kp` (*string*)
 - Private key passphrase, which unlocks the private key.
- `--handshakeTimeout` | `--timeout` | `--to` (*number*)
 - How long in milliseconds to wait for the SSH handshake to complete.

Options

- `--overwrite` | `--ow` (*boolean*)
 - Overwrite the ssh profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` (*boolean*)
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a ssh profile called 'ssh111' to connect to z/OS SSH server at host 'zos123' and default port 22:
 - `zowe profiles create ssh-profile ssh111 --host sshhost --user ibmuser --password myp4ss`
- Create a ssh profile called 'ssh222' to connect to z/OS SSH server at host 'zos123' and port 13022:
 - `zowe profiles create ssh-profile ssh222 --host sshhost --port 13022 --user ibmuser --password myp4ss`
- Create a ssh profile called 'ssh333' to connect to z/OS SSH server at host 'zos123' using a privateKey '/path/to/privatekey' and its decryption passphrase 'privateKeyPassphrase' for

privatekey authentication:

- `zowe profiles create ssh-profile ssh333 --host sshhost --user ibmuser --privateKey /path/to/privatekey --keyPassphrase privateKeyPassphrase`
- Create a ssh profile called 'ssh444' to connect to z/OS SSH server on default port 22, without specifying username, host, or password, preventing those values from being stored on disk:
 - `zowe profiles create ssh-profile ssh444 --privateKey /path/to/privatekey`

[zowe](#) > [profiles](#) > [create](#) > [sysview-format-profile](#)

The SYSVIEW format profile schema, where you specify display settings

Usage

`zowe profiles create sysview-format-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new sysview-format profile. You can load this profile by using the name on commands that support the "--sysview-format-profile" option.

display options

- `--context-fields` | `--cf` (*array*)
 - Context fields to display. Defaults to hiding all context
- `--overview` | `-o` (*boolean*)
 - Display the overview section
- `--info` | `-i` (*boolean*)
 - Display the information area, if any
- `--pretty` | `-p` (*boolean*)
 - Display formatted data
- `--blank-if-zero` | `--biz` | `-b` (*boolean*)
 - Show a blank space instead of '0' values

- `--truncate | --tr (boolean)`
 - Truncate displays that are too wide for the console

Default value: false

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the sysview-format profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a SYSVIEW format profile to display the context fields 'commandName' and 'screenTitle', the information area, and not the overview area for all requests. Data will be formatted, and '0's will be blanked:
 - `zowe profiles create sysview-format-profile myFormat --cf commandName screenTitle --overview false --info true --pretty true --biz true`

[zowe](#) › [profiles](#) › [create](#) › [sysview-profile](#)

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

```
zowe profiles create sysview-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new sysview profile. You can load this profile by using the name on commands that support the "-sysview-profile" option.

sysview connection options

- `--host | -H (string)`
 - The hostname of the SYSVIEW REST API

- `--port | -P (number)`
 - The port number of the SYSVIEW REST API
- `--user | -u (string)`
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password | --pass | --pw (string)`
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized | --ru (boolean)`
 - If set, the server certificate is verified against the list of supplied CAs

Default value: true
- `--ssid (string)`
 - SSID of the SYSVIEW instance. Default value: GSVX

Default value: GSVX
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Default value: /api/v1

Options

- `--overwrite | --ow (boolean)`
 - Overwrite the sysview profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a SYSVIEW profile called 'myLPAR' to connect to SYSVIEW REST API at host lpar123 and port 8080, ssid ABCD, and allowing self-signed certificates:

- `zowe profiles create sysview-profile myLPAR --host lpar123 --port 8080 --user ibmuser --password !@#$^ --reject-unauthorized false --ssid ABCD`
- Create a SYSVIEW profile called 'myLPARapi' to connect to SYSVIEW REST API through the API Mediation Layer at host lpar456 and port 18080:
 - `zowe profiles create sysview-profile myLPARapi --host lpar456 --port 18080 --user ibmuser --password !@#$^ --base-path /api/v1/my-sysview-instance`

[zowe](#) > [profiles](#) > [create](#) > [tso-profile](#)

z/OS TSO/E User Profile

Usage

`zowe profiles create tso-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new tso profile. You can load this profile by using the name on commands that support the "--tso-profile" option.

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` (*string*)
 - Your z/OS TSO/E accounting information.
- `--character-set` | `--cs` (*string*)
 - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.
Default value: 697
- `--code-page` | `--cp` (*string*)
 - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.
Default value: 1047
- `--columns` | `--cols` (*number*)

- The number of columns on a screen.

Default value: 80

- `--logon-procedure | -l (string)`

- The logon procedure to use when creating TSO procedures on your behalf.

Default value: IZUFPROC

- `--region-size | --rs (number)`

- Region size for the TSO/E address space.

Default value: 4096

- `--rows (number)`

- The number of rows on a screen.

Default value: 24

Options

- `--overwrite | --ow (boolean)`

- Overwrite the tso profile when a profile of the same name exists.

- `--disable-defaults | --dd (boolean)`

- Disable populating profile values of undefined properties with default values.

Examples

- Create a tso profile called 'myprof' with default settings and JES accounting information of 'IZUACCT':

- `zowe profiles create tso-profile myprof -a IZUACCT`

- Create a tso profile called 'largeregion' with a region size of 8192, a logon procedure of MYPROC, and JES accounting information of '1234':

- `zowe profiles create tso-profile largeregion -a 1234 --rs 8192`

- Create a tso profile called 'myprof2' with default settings and region size of 8192, without storing the user account on disk:

- `zowe profiles create tso-profile myprof2 --rs 8192`

[zowe](#) > [profiles](#) > [create](#) > [zftp-profile](#)

Configuration profile for z/OS FTP

Usage

```
zowe profiles create zftp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new zftp profile. You can load this profile by using the name on commands that support the "--zftp-profile" option.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000
- `--overwrite | --ow (boolean)`
 - Overwrite the zftp profile when a profile of the same name exists.
- `--disable-defaults | --dd (boolean)`
 - Disable populating profile values of undefined properties with default values.

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Examples

- Create a zftp profile called 'myprofile' with default settings (port, timeout, etc.) to connect with the host system 123.:
 - `zowe profiles create zftp-profile myprofile -u ibmuser -p ibmp4ss -H sys123`

[zowe](#) › [profiles](#) › [create](#) › [zosmf-profile](#)

z/OSMF Profile

Usage

`zowe profiles create zosmf-profile <profileName> [options]`

Positional Arguments

- `profileName (string)`

- Specifies the name of the new zosmf profile. You can load this profile by using the name on commands that support the "--zosmf-profile" option.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Options

- `--encoding | --ec (number)`

- The encoding for download and upload of z/OS data set and USS files. The default encoding if not specified is 1047.
- `--responseTimeout` | `--rto` *(number)*
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600
- `--overwrite` | `--ow` *(boolean)*
 - Overwrite the zosmf profile when a profile of the same name exists.
- `--disable-defaults` | `--dd` *(boolean)*
 - Disable populating profile values of undefined properties with default values.

Examples

- Create a zosmf profile called 'zos123' to connect to z/OSMF at host zos123 and port 1443:
 - `zowe profiles create zosmf-profile zos123 --host zos123 --port 1443 --user ibmuser --password myp4ss`
- Create a zosmf profile called 'zos124' to connect to z/OSMF at the host zos124 (default port - 443) and allow self-signed certificates:
 - `zowe profiles create zosmf-profile zos124 --host zos124 --user ibmuser --password myp4ss --reject-unauthorized false`
- Create a zosmf profile called 'zos125' to connect to z/OSMF at the host zos125 and port 1443, not specifying a username or password so they are not stored on disk; these will need to be specified on every command:
 - `zowe profiles create zosmf-profile zos125 --host zos125 --port 1443`
- Create a zosmf profile called 'zos126' to connect to z/OSMF on the default port 443 and allow self-signed certificates, not specifying a username, password, or host so they are not stored on disk; these will need to be specified on every command:
 - `zowe profiles create zosmf-profile zos126 --reject-unauthorized false`
- Create a zosmf profile called 'zos124' to connect to z/OSMF at the host zos124 (default port - 443) and allow self-signed certificates:

- `zowe profiles create zosmf-profile zosAPIML --host zosAPIML --port 2020 --user ibmuser --password myp4ss --reject-unauthorized false --base-path basePath`

[zowe](#) > [profiles](#) > [delete](#)

Delete existing profiles.

[zowe](#) > [profiles](#) > [delete](#) > [base-profile](#)

Delete a base profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete base-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the base profile to be deleted. You can also load this profile by using the name on commands that support the "--base-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a base profile named `profilename`:

- `zowe profiles delete base-profile profilename`

[zowe](#) > [profiles](#) > [delete](#) > [ca7-profile](#)

Delete a ca7 profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete ca7-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the ca7 profile to be deleted. You can also load this profile by using the name on commands that support the "--ca7-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ca7 profile named profilename:
 - `zowe profiles delete ca7-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [caspool-profile](#)

Delete a caspool profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete caspool-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the caspool profile to be deleted. You can also load this profile by using the name on commands that support the "--caspool-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a caspool profile named filename:

- `zowe profiles delete caspool-profile filename`

[zowe](#) > [profiles](#) > [delete](#) > [caview-profile](#)

Delete a caview profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete caview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the caview profile to be deleted. You can also load this profile by using the name on commands that support the "-caview-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a caview profile named filename:

- `zowe profiles delete caview-profile filename`

[zowe](#) > [profiles](#) > [delete](#) > [cics-profile](#)

Delete a cics profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete cics-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the cics profile to be deleted. You can also load this profile by using the name on commands that support the "--cics-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a cics profile named profilename:
 - `zowe profiles delete cics-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [db2-profile](#)

Delete a db2 profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete db2-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the db2 profile to be deleted. You can also load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a db2 profile named profilename:

- `zowe profiles delete db2-profile profilename`

[zowe](#) > [profiles](#) > [delete](#) > [ebg-profile](#)

Delete a ebg profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete ebg-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the ebg profile to be deleted. You can also load this profile by using the name on commands that support the "--ebg-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ebg profile named profilename:

- `zowe profiles delete ebg-profile profilename`

[zowe](#) > [profiles](#) > [delete](#) > [endevor-location-profile](#)

Delete a endevor-location profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete endevor-location-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the endevor-location profile to be deleted. You can also load this profile by using the name on commands that support the "--endevor-location-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a endevor-location profile named profilename:
 - `zowe profiles delete endevor-location-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [endevor-profile](#)

Delete a endevor profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete endevor-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the endevor profile to be deleted. You can also load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a endevor profile named profilename:

- `zowe profiles delete endevor-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [fmp-profile](#)

Delete a fmp profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete fmp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the fmp profile to be deleted. You can also load this profile by using the name on commands that support the "-fmp-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a fmp profile named profilename:

- `zowe profiles delete fmp-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [idms-profile](#)

Delete a idms profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete idms-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the idms profile to be deleted. You can also load this profile by using the name on commands that support the "--idms-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a idms profile named profilename:
 - `zowe profiles delete idms-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [ims-profile](#)

Delete a ims profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete ims-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the ims profile to be deleted. You can also load this profile by using the name on commands that support the "--ims-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ims profile named profilename:

- `zowe profiles delete ims-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [jclcheck-profile](#)

Delete a jclcheck profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete jclcheck-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the jclcheck profile to be deleted. You can also load this profile by using the name on commands that support the "`--jclcheck-profile`" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a jclcheck profile named profilename:

- `zowe profiles delete jclcheck-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [mq-profile](#)

Delete a mq profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete mq-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the mq profile to be deleted. You can also load this profile by using the name on commands that support the "--mq-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a mq profile named profilename:
 - `zowe profiles delete mq-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [ops-profile](#)

Delete a ops profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete ops-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the ops profile to be deleted. You can also load this profile by using the name on commands that support the "--ops-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ops profile named profilename:

- `zowe profiles delete ops-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [pma-profile](#)

Delete a pma profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete pma-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the pma profile to be deleted. You can also load this profile by using the name on commands that support the "-pma-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a pma profile named profilename:

- `zowe profiles delete pma-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [ssh-profile](#)

Delete a ssh profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete ssh-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the ssh profile to be deleted. You can also load this profile by using the name on commands that support the "--ssh-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ssh profile named profilename:
 - `zowe profiles delete ssh-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [sysview-format-profile](#)

Delete a sysview-format profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete sysview-format-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the sysview-format profile to be deleted. You can also load this profile by using the name on commands that support the "--sysview-format-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a sysview-format profile named `filename`:

- `zowe profiles delete sysview-format-profile filename`

[zowe](#) › [profiles](#) › [delete](#) › [sysview-profile](#)

Delete a sysview profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the `profiles list` command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete sysview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the sysview profile to be deleted. You can also load this profile by using the name on commands that support the `--sysview-profile` option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a sysview profile named `filename`:

- `zowe profiles delete sysview-profile filename`

[zowe](#) › [profiles](#) › [delete](#) › [tso-profile](#)

Delete a tso profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the `profiles list` command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete tso-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the tso profile to be deleted. You can also load this profile by using the name on commands that support the "--tso-profile" option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a tso profile named profilename:
 - `zowe profiles delete tso-profile profilename`

[zowe](#) › [profiles](#) › [delete](#) › [zftp-profile](#)

Delete a zftp profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete zftp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the zftp profile to be deleted. You can also load this profile by using the name on commands that support the "--zftp-profile" option.

Options

- `--force` (*boolean*)

- Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a zftp profile named profilename:

- `zowe profiles delete zftp-profile profilename`

[zowe](#) > [profiles](#) > [delete](#) > [zosmf-profile](#)

Delete a zosmf profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

```
zowe profiles delete zosmf-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the zosmf profile to be deleted. You can also load this profile by using the name on commands that support the `--zosmf-profile` option.

Options

- `--force` (*boolean*)
 - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a zosmf profile named profilename:

- `zowe profiles delete zosmf-profile profilename`

[zowe](#) > [profiles](#) > [list](#)

List profiles of the type {{type}}

[zowe](#) > [profiles](#) > [list](#) > [base-profiles](#)

Base profile that stores values shared by multiple service profiles

Usage

```
zowe profiles list base-profiles [options]
```

Options

- `--show-contents | - -sc (boolean)`
 - List base profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type base:
 - `zowe profiles list base-profiles`
- List profiles of type base and display their contents:
 - `zowe profiles list base-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [ca7-profiles](#)

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

```
zowe profiles list ca7-profiles [options]
```

Options

- `--show-contents | - -sc (boolean)`
 - List ca7 profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ca7:
 - `zowe profiles list ca7-profiles`
- List profiles of type ca7 and display their contents:

- `zowe profiles list ca7-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [caspool-profiles](#)

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

`zowe profiles list caspool-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List caspool profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type caspool:
 - `zowe profiles list caspool-profiles`
- List profiles of type caspool and display their contents:
 - `zowe profiles list caspool-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [caview-profiles](#)

Configuration profile for CA View

Usage

`zowe profiles list caview-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List caview profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type caview:

- `zowe profiles list caview-profiles`
- List profiles of type caview and display their contents:
 - `zowe profiles list caview-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [cics-profiles](#)

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

`zowe profiles list cics-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List cics profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type cics:
 - `zowe profiles list cics-profiles`
- List profiles of type cics and display their contents:
 - `zowe profiles list cics-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [db2-profiles](#)

A profile for interaction with Db2 for the z/OS region

Usage

`zowe profiles list db2-profiles [options]`

Options

- `--show-contents | --sc (boolean)`

- List db2 profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type db2:

- `zowe profiles list db2-profiles`

- List profiles of type db2 and display their contents:

- `zowe profiles list db2-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [ebg-profiles](#)

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

`zowe profiles list ebg-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List ebg profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ebg:

- `zowe profiles list ebg-profiles`

- List profiles of type ebg and display their contents:

- `zowe profiles list ebg-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [endeavor-location-profiles](#)

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

`zowe profiles list endevor-location-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List endevor-location profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type endevor-location:
 - `zowe profiles list endevor-location-profiles`
- List profiles of type endevor-location and display their contents:
 - `zowe profiles list endevor-location-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [endevor-profiles](#)

The CA Endevor SCM endevor profile schema, where you specify your endevor session information and credentials

Usage

`zowe profiles list endevor-profiles [options]`

Options

- `--show-contents | --sc (boolean)`
 - List endevor profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type endevor:
 - `zowe profiles list endevor-profiles`
- List profiles of type endevor and display their contents:
 - `zowe profiles list endevor-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [fmp-profiles](#)

CA File Master Plus profile schema.

Usage

`zowe profiles list fmp-profiles [options]`

Options

- `--show-contents | - -sc (boolean)`
 - List fmp profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type fmp:
 - `zowe profiles list fmp-profiles`
- List profiles of type fmp and display their contents:
 - `zowe profiles list fmp-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [idms-profiles](#)

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

`zowe profiles list idms-profiles [options]`

Options

- `--show-contents | - -sc (boolean)`
 - List idms profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type idms:
 - `zowe profiles list idms-profiles`
- List profiles of type idms and display their contents:

- `zowe profiles list idms-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [ims-profiles](#)

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

`zowe profiles list ims-profiles [options]`

Options

- `--show-contents | - -sc (boolean)`
 - List ims profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ims:
 - `zowe profiles list ims-profiles`
- List profiles of type ims and display their contents:
 - `zowe profiles list ims-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [jclcheck-profiles](#)

A JCLCheck profile is required to issue commands in the jcl command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

`zowe profiles list jclcheck-profiles [options]`

Options

- `--show-contents | - -sc (boolean)`
 - List jclcheck profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type jclcheck:

- `zowe profiles list jclcheck-profiles`

- List profiles of type jclcheck and display their contents:

- `zowe profiles list jclcheck-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [mq-profiles](#)

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

```
zowe profiles list mq-profiles [options]
```

Options

- `--show-contents` | `--sc` (*boolean*)

- List mq profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type mq:

- `zowe profiles list mq-profiles`

- List profiles of type mq and display their contents:

- `zowe profiles list mq-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [ops-profiles](#)

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

```
zowe profiles list ops-profiles [options]
```

Options

- `--show-contents | -sc (boolean)`
 - List ops profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ops:
 - `zowe profiles list ops-profiles`
- List profiles of type ops and display their contents:
 - `zowe profiles list ops-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [pma-profiles](#)

CA MAT Detect CLI profile schema.

Usage

```
zowe profiles list pma-profiles [options]
```

Options

- `--show-contents | -sc (boolean)`
 - List pma profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type pma:
 - `zowe profiles list pma-profiles`
- List profiles of type pma and display their contents:
 - `zowe profiles list pma-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [ssh-profiles](#)

z/OS SSH Profile

Usage

zowe profiles list ssh-profiles [options]

Options

- `--show-contents | --sc (boolean)`
 - List ssh profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ssh:
 - `zowe profiles list ssh-profiles`
- List profiles of type ssh and display their contents:
 - `zowe profiles list ssh-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [sysview-format-profiles](#)

The SYSVIEW format profile schema, where you specify display settings

Usage

zowe profiles list sysview-format-profiles [options]

Options

- `--show-contents | --sc (boolean)`
 - List sysview-format profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type sysview-format:
 - `zowe profiles list sysview-format-profiles`
- List profiles of type sysview-format and display their contents:
 - `zowe profiles list sysview-format-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [sysview-profiles](#)

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

```
zowe profiles list sysview-profiles [options]
```

Options

- `--show-contents | --sc (boolean)`
 - List sysview profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type sysview:
 - `zowe profiles list sysview-profiles`
- List profiles of type sysview and display their contents:
 - `zowe profiles list sysview-profiles --sc`

[zowe](#) › [profiles](#) › [list](#) › [tso-profiles](#)

z/OS TSO/E User Profile

Usage

```
zowe profiles list tso-profiles [options]
```

Options

- `--show-contents | --sc (boolean)`
 - List tso profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type tso:
 - `zowe profiles list tso-profiles`

- List profiles of type tso and display their contents:
 - `zowe profiles list tso-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [zftp-profiles](#)

Configuration profile for z/OS FTP

Usage

`zowe profiles list zftp-profiles [options]`

Options

- `--show-contents | -sc (boolean)`
 - List zftp profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type zftp:
 - `zowe profiles list zftp-profiles`
- List profiles of type zftp and display their contents:
 - `zowe profiles list zftp-profiles --sc`

[zowe](#) > [profiles](#) > [list](#) > [zosmf-profiles](#)

z/OSMF Profile

Usage

`zowe profiles list zosmf-profiles [options]`

Options

- `--show-contents | -sc (boolean)`
 - List zosmf profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type zosmf:
 - `zowe profiles list zosmf-profiles`
- List profiles of type zosmf and display their contents:
 - `zowe profiles list zosmf-profiles --sc`

[zowe](#) > [profiles](#) > [set-default](#)

Set which profiles are loaded by default.

[zowe](#) > [profiles](#) > [set-default](#) > [base-profile](#)

The base set default-profiles command allows you to set the default profiles for this command group. When a base command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default base-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the base group. When you issue commands within the base group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type base to the profile named 'filename':

- `zowe profiles set-default base-profile filename`

[zowe](#) > [profiles](#) > [set-default](#) > [ca7-profile](#)

The ca7 set default-profiles command allows you to set the default profiles for this command group. When a ca7 command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default ca7-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the ca7 group. When you issue commands within the ca7 group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ca7 to the profile named 'filename':

- `zowe profiles set-default ca7-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [caspool-profile](#)

The caspool set default-profiles command allows you to set the default profiles for this command group. When a caspool command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default caspool-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the caspool group. When you issue commands within the caspool group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type caspool to the profile named 'filename':

- `zowe profiles set-default caspool-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [caview-profile](#)

The caview set default-profiles command allows you to set the default profiles for this command group. When a caview command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default caview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the caview group. When you issue commands within the caview group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type caview to the profile named 'profilename':

- `zowe profiles set-default caview-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [cics-profile](#)

The cics set default-profiles command allows you to set the default profiles for this command group. When a cics command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default cics-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the cics group. When you issue commands within the cics group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type cics to the profile named 'profilename':

- `zowe profiles set-default cics-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [db2-profile](#)

The db2 set default-profiles command allows you to set the default profiles for this command group. When a db2 command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default db2-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the db2 group. When you issue commands within the db2 group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type db2 to the profile named 'profilename':

- `zowe profiles set-default db2-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [ebg-profile](#)

The ebg set default-profiles command allows you to set the default profiles for this command group. When a ebg command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default ebg-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the ebg group. When you issue commands within the ebg group without a profile specified as part of the command, the default will

be loaded instead.

Examples

- Set the default profile for type ebg to the profile named 'filename':

- `zowe profiles set-default ebg-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [endevor-location-profile](#)

The endevor-location set default-profiles command allows you to set the default profiles for this command group. When a endevor-location command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default endevor-location-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the endevor-location group. When you issue commands within the endevor-location group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type endevor-location to the profile named 'filename':

- `zowe profiles set-default endevor-location-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [endevor-profile](#)

The endevor set default-profiles command allows you to set the default profiles for this command group. When a endevor command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default endevor-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the endevor group. When you issue commands within the endevor group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type endevor to the profile named 'filename':
 - `zowe profiles set-default endevor-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [fmp-profile](#)

The fmp set default-profiles command allows you to set the default profiles for this command group. When a fmp command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default fmp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the fmp group. When you issue commands within the fmp group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type fmp to the profile named 'filename':
 - `zowe profiles set-default fmp-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [idms-profile](#)

The idms set default-profiles command allows you to set the default profiles for this command group. When a idms command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default idms-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the idms group. When you issue commands within the idms group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type idms to the profile named 'filename':

- `zowe profiles set-default idms-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [ims-profile](#)

The ims set default-profiles command allows you to set the default profiles for this command group. When a ims command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default ims-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the ims group. When you issue commands within the ims group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ims to the profile named 'filename':

- `zowe profiles set-default ims-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [jlccheck-profile](#)

The jclcheck set default-profiles command allows you to set the default profiles for this command group. When a jclcheck command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default jclcheck-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the jclcheck group. When you issue commands within the jclcheck group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type jclcheck to the profile named 'profilename':

- `zowe profiles set-default jclcheck-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [mq-profile](#)

The mq set default-profiles command allows you to set the default profiles for this command group. When a mq command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default mq-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the mq group. When you issue commands within the mq group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type mq to the profile named 'profilename':

- `zowe profiles set-default mq-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [ops-profile](#)

The ops set default-profiles command allows you to set the default profiles for this command group. When a ops command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default ops-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the ops group. When you issue commands within the ops group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ops to the profile named 'profilename':

- `zowe profiles set-default ops-profile profilename`

[zowe](#) › [profiles](#) › [set-default](#) › [pma-profile](#)

The pma set default-profiles command allows you to set the default profiles for this command group. When a pma command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default pma-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the pma group. When you issue commands within the pma group without a profile specified as part of the command, the default will

be loaded instead.

Examples

- Set the default profile for type pma to the profile named 'filename':

- `zowe profiles set-default pma-profile filename`

[zowe](#) > [profiles](#) > [set-default](#) > [ssh-profile](#)

The ssh set default-profiles command allows you to set the default profiles for this command group. When a ssh command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default ssh-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the ssh group. When you issue commands within the ssh group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ssh to the profile named 'filename':

- `zowe profiles set-default ssh-profile filename`

[zowe](#) > [profiles](#) > [set-default](#) > [sysview-format-profile](#)

The sysview-format set default-profiles command allows you to set the default profiles for this command group. When a sysview-format command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default sysview-format-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the sysview-format group. When you issue commands within the sysview-format group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type sysview-format to the profile named 'filename':

- `zowe profiles set-default sysview-format-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [sysview-profile](#)

The sysview set default-profiles command allows you to set the default profiles for this command group. When a sysview command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default sysview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the sysview group. When you issue commands within the sysview group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type sysview to the profile named 'filename':

- `zowe profiles set-default sysview-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [tso-profile](#)

The tso set default-profiles command allows you to set the default profiles for this command group. When a tso command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default tso-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the tso group. When you issue commands within the tso group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type tso to the profile named 'filename':

- `zowe profiles set-default tso-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [zftp-profile](#)

The zftp set default-profiles command allows you to set the default profiles for this command group. When a zftp command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default zftp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the zftp group. When you issue commands within the zftp group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type zftp to the profile named 'filename':

- `zowe profiles set-default zftp-profile filename`

[zowe](#) › [profiles](#) › [set-default](#) › [zosmf-profile](#)

The zosmf set default-profiles command allows you to set the default profiles for this command group. When a zosmf command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

```
zowe profiles set-default zosmf-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specify a profile for default usage within the zosmf group. When you issue commands within the zosmf group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type zosmf to the profile named 'profilename':
 - `zowe profiles set-default zosmf-profile profilename`

[zowe](#) › [profiles](#) › [update](#)

Update a {{type}} profile. You can update any property present within the profile configuration. The updated profile will be printed so that you can review the result of the updates.

[zowe](#) › [profiles](#) › [update](#) › [base-profile](#)

Base profile that stores values shared by multiple service profiles

Usage

```
zowe profiles update base-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new base profile. You can load this profile by using the name on commands that support the "--base-profile" option.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Update a base profile named 'base1' with a new username and password:

- `zowe profiles update base-profile base1 --user newuser --password newp4ss`

[zowe](#) > [profiles](#) > [update](#) > [ca7-profile](#)

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

```
zowe profiles update ca7-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`

- Specifies the name of the new ca7 profile. You can load this profile by using the name on commands that support the "--ca7-profile" option.

CA7 Connection Options

- `--host | -H (string)`
 - Host name of the CA7 API service that is running on the mainframe system.
- `--port | -P (number)`
 - Port for the CA7 API service that is running on the mainframe system.
- `--user | -u (string)`
 - User name for authenticating connections to the CA7 API service that is running on the mainframe system.
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the CA7 API service that is running on the mainframe system.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol | -o (string)`
 - Specifies protocol to use for CA7 connection (http or https).
Allowed values: http, https

[zowe](#) > [profiles](#) > [update](#) > [caspool-profile](#)

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

```
zowe profiles update caspool-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`

- Specifies the name of the new caspool profile. You can load this profile by using the name on commands that support the "--caspool-profile" option.

CA SPOOL OPTIONS

- `--account | -a (string)`
 - z/OS TSO/E accounting information.
- `--spoolhlq | --hlq (string)`
 - High level qualifier of CA Spool installation.
- `--subsys | --sub (string)`
 - CA Spool subsystem name.
- `--outds | --out (string)`
 - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for each Zowe CLI user interacting with CA Spool.
- `--clist | --cl (string)`
 - The data set containing ESFZOWE REXX exec.

Examples

- Update the TSO account information to '3213213210' for CA Spool profile named 'myProfile':
 - `zowe profiles update caspool-profile myProfile --account 3213213210`
- Update high level qualifier of the CA Spool installation to 'CASPOOL.HLQ' for CA Spool profile named 'myProfile':
 - `zowe profiles update caspool-profile myProfile --spoolhlq CASPOOL.HLQ`
- Update the CA Spool subsystem name to 'ESF2' for CA Spool profile named 'myProfile':
 - `zowe profiles update caspool-profile myProfile --subsys ESF2`
- Update the output response data set to 'OUTPUT.RESPONSE.DS.NEW' for CA Spool profile named 'myProfile':
 - `zowe profiles update caspool-profile myProfile --outds OUTPUT.RESPONSE.DS.NEW`

- Update the data set containing ESFZOWE REXX exec to 'USER.CLIST' for CA Spool profile named 'myProfile':
 - `zowe profiles update caspool-profile myProfile --clist USER.CLIST`

[zowe](#) > [profiles](#) > [update](#) > [caview-profile](#)

Configuration profile for CA View

Usage

```
zowe profiles update caview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new caview profile. You can load this profile by using the name on commands that support the "--caview-profile" option.

Options

- `--protocol` (*string*)
 - Protocol of the target CA View REST API instance.
Allowed values: http, https
- `--hostname` (*string*)
 - Hostname or ip address of the target CA View REST API instance.
- `--port` (*number*)
 - Port of the target CA View REST API instance.
- `--base-path` (*string*)
 - Context name of the target CA View REST API instance.
- `--username` (*string*)
 - User name used to authenticate against the target CA View REST API instance.
- `--password` (*string*)
 - Password used to authenticate against the target CA View REST API instance.

[zowe](#) > [profiles](#) > [update](#) > [cics-profile](#)

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

```
zowe profiles update cics-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new cics profile. You can load this profile by using the name on commands that support the "--cics-profile" option.

Options

- `--host` | `-H` (*string*)
 - The CMCI server host name
- `--port` | `-P` (*number*)
 - The CMCI server port
- `--user` | `-u` (*string*)
 - Your username to connect to CICS
- `--password` | `-p` (*string*)
 - Your password to connect to CICS
- `--region-name` (*string*)
 - The name of the CICS region name to interact with
- `--cics-plex` (*string*)
 - The name of the CICSPlex to interact with

Cics Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
- `--protocol` | `-o` (*string*)
 - Specifies CMCI protocol (http or https).
Allowed values: http, https

[zowe](#) › [profiles](#) › [update](#) › **db2-profile**

A profile for interaction with Db2 for the z/OS region

Usage

```
zowe profiles update db2-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new db2 profile. You can load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--host` | `-H` (*string*)
 - The Db2 server host name
- `--port` | `-P` (*number*)
 - The Db2 server port number
- `--user` | `-u` (*string*)
 - The Db2 user ID (may be the same as the TSO login)
- `--password` | `--pass` | `--pw` (*string*)
 - The Db2 password (may be the same as the TSO password)
- `--database` | `-d` (*string*)
 - The name of the database
- `--ssl-file` | `-s` (*string*)

- Path to an SSL Certificate file

[zowe](#) > [profiles](#) > [update](#) > [ebg-profile](#)

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

```
zowe profiles update ebg-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new ebg profile. You can load this profile by using the name on commands that support the "--ebg-profile" option.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` (*string*)
 - The Endevor Bridge for Git SCM protocol.
Default value: http
Allowed values: http, https
- `--host` | `-H` (*string*)
 - The Endevor Bridge for Git hostname.
- `--port` | `-P` (*number*)
 - The Endevor Bridge for Git port.
- `--user` | `-u` (*string*)
 - Endevor Bridge for Git username (your git username).
- `--token` | `-t` (*string*)
 - Git personal access token (it can be obtained from your Git Enterprise Server).
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: false

[zowe](#) > [profiles](#) > [update](#) > [endeavor-location-profile](#)

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

```
zowe profiles update endeavor-location-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new endeavor-location profile. You can load this profile by using the name on commands that support the "--endeavor-location-profile" option.

Options

- `--instance` | `-i` (*string*)
 - The STC/datasource of the session
- `--environment` | `--env` (*string*)
 - The CA Endevor SCM environment where your project resides
- `--system` | `--sys` (*string*)
 - The CA Endevor SCM system where the element resides
- `--subsystem` | `--sub` (*string*)
 - The CA Endevor SCM subsystem where your element resides
- `--type` | `--typ` (*string*)
 - Name of the CA Endevor SCM element's type
- `--stage-number` | `--sn` (*string*)
 - The CA Endevor SCM stage where your project resides
 - Allowed values: 1, 2
- `--comment` | `--com` (*string*)

- The CA Endevor SCM comment you want to use when performing an action
- `--ccid` | `--cci` (*string*)
 - The CA Endevor SCM CCID you want to use when performing an action
- `--maxrc` (*number*)
 - The return code of CA Endevor SCM that defines a failed action

[zowe](#) › [profiles](#) › [update](#) › [endeavor-profile](#)

The CA Endevor SCM endeavor profile schema, where you specify your endeavor session information and credentials

Usage

```
zowe profiles update endeavor-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new endeavor profile. You can load this profile by using the name on commands that support the "--endeavor-profile" option.

Options

- `--host` | `--hostname` (*string*)
 - The hostname of the endeavor session
- `--port` | `-p` (*number*)
 - The port number of the endeavor session
- `--user` | `--username` (*string*)
 - The username of the endeavor session
- `--password` | `--pass` (*string*)
 - The password of the user
- `--protocol` | `--prot` (*string*)
 - The protocol used for connecting to CA Endevor SCM Rest API

Allowed values: http, https

- `--base-path` | `--bp` (*string*)
 - The base path used for connecting to CA Endevor SCM Rest API
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set, the server certificate is verified against the list of supplied CAs

[zowe](#) > [profiles](#) > [update](#) > [fmp-profile](#)

CA File Master Plus profile schema.

Usage

```
zowe profiles update fmp-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new fmp profile. You can load this profile by using the name on commands that support the "--fmp-profile" option.

FMP Connection Options

- `--host` | `-H` (*string*)
 - Specifies CA File Master Plus server host name.
- `--port` | `-P` (*number*)
 - Specifies CA File Master Plus server port.
- `--user` | `-u` (*string*)
 - Specifies Mainframe user name. May be the same as TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Specifies Mainframe password. May be the same as TSO password.
- `--protocol` | `-o` (*string*)
 - Specifies CA File Master Plus REST API protocol.

Allowed values: http, https

- `--reject-unauthorized | -ru (boolean)`
 - Reject self-signed certificates.
- `--base-path | -bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

[zowe](#) > [profiles](#) > [update](#) > [idms-profile](#)

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

```
zowe profiles update idms-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new idms profile. You can load this profile by using the name on commands that support the "--idms-profile" option.

IDMS Connection Options

- `--host | -H (string)`
 - Host name of the IDMS REST API service
- `--port | -P (number)`
 - Port for the IDMS REST API service
- `--user | -u (string)`
 - Mainframe user name, which can be the same as your TSO login ID
- `--password | --pass | --pw (string)`
 - Mainframe password, which can be the same as your TSO password
- `--datasource | -d (string)`

- Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API
- `--base-path | --bp (string)`
 - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates

Examples

- Update an IDMS profile called 'idms99' with a new default data source SYS100:
 - `zowe profiles update idms-profile idms99 --datasource SYS100`

[zowe](#) > [profiles](#) > [update](#) > [ims-profile](#)

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

```
zowe profiles update ims-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new ims profile. You can load this profile by using the name on commands that support the "--ims-profile" option.

IMS Connection Options

- `--host | -H (string)`
 - The IMS Operations API server host name.
- `--port | -P (number)`
 - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` (*string*)
 - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.
- `--ims-connect-port` | `--icp` (*number*)
 - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.
- `--plex` | `-x` (*string*)
 - The name of the IMS plex.
- `--user` | `-u` (*string*)
 - The web server user name where the IMS Operations API resides.
- `--password` | `--pass` (*string*)
 - The web server user password where the IMS Operations API resides.
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

[zowe](#) › [profiles](#) › [update](#) › [jclcheck-profile](#)

A JCLCheck profile is required to issue commands in the jcl command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

```
zowe profiles update jclcheck-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new jclcheck profile. You can load this profile by using the name on commands that support the "-jclcheck-profile" option.

JCLCheck Connection Options

- `--host | -H (string)`
 - Host name of the JCLCheck API service that is running on the mainframe system.
- `--port | -P (number)`
 - Port for the JCLCheck API service that is running on the mainframe system.
- `--user | -u (string)`
 - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--password | --pass | --pw (string)`
 - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- `--protocol | -o (string)`
 - Specifies protocol to use for JCLCheck connection (http or https).
Allowed values: http, https
- `--jclcheck-options | --jo (string)`
 - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

[zowe](#) > [profiles](#) > [update](#) > [mq-profile](#)

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

```
zowe profiles update mq-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new mq profile. You can load this profile by using the name on commands that support the "--mq-profile" option.

Options

- `--host` | `-H` (*string*)
 - The MQ Rest server host name
- `--port` | `-P` (*number*)
 - Port number of your MQ REST API server
- `--user` | `-u` (*string*)
 - User name to authenticate to your MQ REST API server
- `--password` | `-p` (*string*)
 - Password to authenticate to your MQ REST API server

MQ Connection Options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- `--protocol` | `-o` (*string*)
 - Specifies the MQ protocol (http or https).

Allowed values: http, https

[zowe](#) › [profiles](#) › [update](#) › [ops-profile](#)

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

```
zowe profiles update ops-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new ops profile. You can load this profile by using the name on commands that support the "--ops-profile" option.

OPS WEB SERVICES CONNECTION OPTIONS

- `--host` (*string*)
 - The hostname of the server where OPS Web Services is running.
- `--port` | `-p` (*number*)
 - The port number for OPS Web Services.
- `--user` (*string*)
 - Your z/OS user name used to authenticate to OPS Web Services
- `--password` | `--pass` (*string*)
 - Your z/OS password used to authenticate to OPS Web Services
- `--protocol` | `--prot` (*string*)
 - The protocol used for connecting to OPS Web Services
 - Allowed values: http, https
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.
- `--subsystem` | `--subs` (*string*)
 - Specifies the subsystem id of the CA OPS/MVS instance to which commands will be directed.

Examples

- Update an OPS profile called 'myLPAR' to connect to OPS Web Services at host lpar456:
 - `zowe profiles update ops-profile myLPAR --host lpar456`
- Update an OPS profile called 'myLPAR' to have username user101 with password Km5sv78:
 - `zowe profiles update ops-profile myLPAR --user user101 --password Km5sv78`

[zowe](#) > [profiles](#) > [update](#) > [pma-profile](#)

CA MAT Detect CLI profile schema.

Usage

`zowe profiles update pma-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new pma profile. You can load this profile by using the name on commands that support the "--pma-profile" option.

PMA Connection Options

- `--job_acct` | `--ja` (*string*)
 - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)
- `--job_class` | `--jc` (*string*)
 - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)
- `--job_mclass` | `--jmc` (*string*)
 - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)
- `--job_load` | `--jl` (*string*)
 - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` (*string*)
 - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

[zowe](#) › [profiles](#) › [update](#) › [ssh-profile](#)

z/OS SSH Profile

Usage

```
zowe profiles update ssh-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new ssh profile. You can load this profile by using the name on commands that support the "--ssh-profile" option.

z/OS Ssh Connection Options

- `--host` | `-H` (*string*)
 - The z/OS SSH server host name.
- `--port` | `-P` (*number*)
 - The z/OS SSH server port.
- `--user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe password, which can be the same as your TSO password.
- `--privateKey` | `--key` | `--pk` (*string*)
 - Path to a file containing your private key, that must match a public key stored in the server for authentication
- `--keyPassphrase` | `--passphrase` | `--kp` (*string*)
 - Private key passphrase, which unlocks the private key.

- `--handshakeTimeout` | `--timeout` | `--to (number)`
 - How long in milliseconds to wait for the SSH handshake to complete.

[zowe](#) > [profiles](#) > [update](#) > [sysview-format-profile](#)

The SYSVIEW format profile schema, where you specify display settings

Usage

```
zowe profiles update sysview-format-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new sysview-format profile. You can load this profile by using the name on commands that support the "--sysview-format-profile" option.

display options

- `--context-fields` | `--cf (array)`
 - Context fields to display. Defaults to hiding all context
- `--overview` | `-o (boolean)`
 - Display the overview section
- `--info` | `-i (boolean)`
 - Display the information area, if any
- `--pretty` | `-p (boolean)`
 - Display formatted data
- `--blank-if-zero` | `--biz` | `-b (boolean)`
 - Show a blank space instead of '0' values
- `--truncate` | `--tr (boolean)`
 - Truncate displays that are too wide for the console

Examples

- Update a SYSVIEW format profile called 'myFormat' to not display the information area.:
 - `zowe profiles update sysview-format-profile myFormat --info false`
- Update a SYSVIEW format profile called 'myFormat' to format data but not blank out '0's.:
 - `zowe profiles update sysview-format-profile myFormat -p --biz false`

[zowe](#) > [profiles](#) > [update](#) > [sysview-profile](#)

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

```
zowe profiles update sysview-profile <profileName> [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the new sysview profile. You can load this profile by using the name on commands that support the "--sysview-profile" option.

sysview connection options

- `--host` | `-H` (*string*)
 - The hostname of the SYSVIEW REST API
- `--port` | `-P` (*number*)
 - The port number of the SYSVIEW REST API
- `--user` | `-u` (*string*)
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password` | `--pass` | `--pw` (*string*)
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set, the server certificate is verified against the list of supplied CAs
- `--ssid` (*string*)

- SSID of the SYSVIEW instance. Default value: GSVX
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Examples

- Update a SYSVIEW profile called 'myLPAR' to connect to SYSVIEW REST API at host lpar456:
 - `zowe profiles update sysview-profile myLPAR --host lpar456`
- Update a SYSVIEW profile called 'myLPAR' to have username user101 with password Km5sv78:
 - `zowe profiles update sysview-profile myLPAR --user user101 --password Km5sv78`

[zowe](#) > [profiles](#) > [update](#) > [tso-profile](#)

z/OS TSO/E User Profile

Usage

```
zowe profiles update tso-profile <profileName> [options]
```

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new tso profile. You can load this profile by using the name on commands that support the "--tso-profile" option.

TSO ADDRESS SPACE OPTIONS

- `--account | -a (string)`
 - Your z/OS TSO/E accounting information.
- `--character-set | --cs (string)`
 - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.
- `--code-page | --cp (string)`

- Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.
- `--columns | --cols (number)`
 - The number of columns on a screen.
- `--logon-procedure | -l (string)`
 - The logon procedure to use when creating TSO procedures on your behalf.
- `--region-size | --rs (number)`
 - Region size for the TSO/E address space.
- `--rows (number)`
 - The number of rows on a screen.

Examples

- Update a tso profile called myprof with new JES accounting information:
 - `zowe profiles update tso-profile myprof -a NEWACCT`

[zowe](#) > [profiles](#) > [update](#) > [zftp-profile](#)

Configuration profile for z/OS FTP

Usage

`zowe profiles update zftp-profile <profileName> [options]`

Positional Arguments

- `profileName (string)`
 - Specifies the name of the new zftp profile. You can load this profile by using the name on commands that support the "--zftp-profile" option.

Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
- `--port | -P (number)`

- The port of the z/OS FTP server.
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

[zowe](#) > [profiles](#) > [update](#) > [zosmf-profile](#)

z/OSMF Profile

Usage

`zowe profiles update zosmf-profile <profileName> [options]`

Positional Arguments

- `profileName` (*string*)

- Specifies the name of the new zosmf profile. You can load this profile by using the name on commands that support the "--zosmf-profile" option.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Allowed values: http, https

Options

- `--encoding | --ec (number)`
 - The encoding for download and upload of z/OS data set and USS files. The default encoding if not specified is 1047.
- `--responseTimeout | --rto (number)`

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Examples

- Update a zosmf profile named 'zos123' with a new username and password:

- `zowe profiles update zosmf-profile zos123 --user newuser --password newp4ss`

[zowe](#) > [profiles](#) > [validate](#)

Test the validity of your profiles.

[zowe](#) > [profiles](#) > [validate](#) > [endevor-profile](#)

Test the validity of a endevor profile.

Usage

```
zowe profiles validate endevor-profile [profileName] [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the endevor profile to be deleted. You can also load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--print-plan-only` | `--plan` | `-p` (*boolean*)
 - Instead of validating your profile, print out a table of the tasks used for validation. This will explain the different services and functionality that will be tested during profile validation.

[zowe](#) > [profiles](#) > [validate](#) > [fmp-profile](#)

Test the validity of a fmp profile.

Usage

```
zowe profiles validate fmp-profile [profileName] [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the fmp profile to be deleted. You can also load this profile by using the name on commands that support the "--fmp-profile" option.

Options

- `--print-plan-only` | `--plan` | `-p` (*boolean*)
 - Instead of validating your profile, print out a table of the tasks used for validation. This will explain the different services and functionality that will be tested during profile validation.

[zowe](#) › [profiles](#) › [validate](#) › [pma-profile](#)

Test the validity of a pma profile.

Usage

```
zowe profiles validate pma-profile [profileName] [options]
```

Positional Arguments

- `profileName` (*string*)
 - Specifies the name of the pma profile to be deleted. You can also load this profile by using the name on commands that support the "--pma-profile" option.

Options

- `--print-plan-only` | `--plan` | `-p` (*boolean*)
 - Instead of validating your profile, print out a table of the tasks used for validation. This will explain the different services and functionality that will be tested during profile validation.

[zowe](#) › provisioning

Perform z/OSMF provisioning tasks on Published Templates in the Service Catalog and Provisioned Instances in the Service Registry.

[zowe](#) › provisioning › delete

Deletes instance previously provisioned with z/OSMF cloud provisioning services.

[zowe](#) › provisioning › delete › instance

Deletes selected deprovisioned instance.

Usage

```
zowe provisioning delete instance <name> [options]
```

Positional Arguments

- `name` (*string*)
 - Deprovisioned Instance name.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Delete deprovisioned instance "instance1":
 - `zowe provisioning delete instance instance1`

zowe > provisioning > list

Lists z/OSMF provisioning information such as the provisioned instances from the registry, the provisioned instance details, the available provisioning templates and provisioning template details.

[zowe](#) > [provisioning](#) > [list](#) > [catalog-templates](#)

Lists the z/OSMF service catalog published templates.

Usage

```
zowe provisioning list catalog-templates [options]
```

Options

- `--all-info | --ai (boolean)`
 - Display information about published z/OSMF service catalog templates (summary information is printed by default).

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- List all published templates in the z/OSMF service catalog (with full detail):
 - `zowe provisioning list catalog-templates --all-info`

[zowe](#) › [provisioning](#) › [list](#) › [instance-info](#)

List details about an instance provisioned with z/OSMF.

Usage

`zowe provisioning list instance-info <name> [options]`

Positional Arguments

- `name` (*string*)
 - Provisioned Instance Name

Options

- `--display` (*string*)
 - Level of information to display for the provisioned instance. Possible values:
 - summary - summary information, no actions or variables
 - actions - (default) summary with actions, no variables
 - vars - summary information with variables, no actions extended
 - extended information with actions
 - full - all available information
 - Allowed values: extended, summary, vars, actions, full

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
- Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- List summary information with a list of actions for an instance with the name "instance1":
 - `zowe provisioning list instance-info instance1`
- Show extended general information with actions for a provisioned instance with the name "instance1":
 - `zowe provisioning list instance-info instance1 --display extended`

zowe > provisioning > list > instance-variables

List a set of variables and their values for a given name.

Usage

```
zowe provisioning list instance-variables <name> [options]
```

Positional Arguments

- `name` (*string*)
 - Provisioned Instance Name

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `-ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List instance variables of "instance1":

- `zowe provisioning list instance-variables instance1`

[zowe](#) › [provisioning](#) › [list](#) › [registry-instances](#)

List the provisioned instances from the z/OSMF software registry.

Usage

```
zowe provisioning list registry-instances [options]
```

Options

- `--all-info` | `--ai` (*boolean*)
 - Display all available information about provisioned instances (summary by default).
- `--filter-by-type` | `--fbt` (*string*)
 - Filter the list of provisioned instances by type (e.g. DB2 or CICS).
- `--filter-by-external-name` | `--fben` (*string*)
 - Filter the list of provisioned instances by External Name.
- `--types` | `-t` (*boolean*)
 - Display a list of all types for provisioned instances (e.g. DB2 or CICS).

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--user | -u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)

- The value of the token to pass to the API.

Examples

- List all provisioned instances (with full detail):

```
◦ zowe provisioning list registry-instances --all-info
```

[zowe](#) › [provisioning](#) › [list](#) › [template-info](#)

List details about a template published with z/OSMF Cloud Provisioning.

Usage

```
zowe provisioning list template-info <name> [options]
```

Positional Arguments

- `name` (*string*)
 - The name of a z/OSMF cloud provisioning template.

Options

- `--all-info` | `--ai` (*boolean*)
 - Display detailed information about published z/OSMF service catalog template (summary information is printed by default).

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- List summary information for template "template1":

- `zowe provisioning list template-info template1`

[zowe](#) > [provisioning](#) > [perform](#)

Perform actions against instances provisioned with z/OSMF.

[zowe](#) > [provisioning](#) > [perform](#) > [action](#)

Perform actions on instances previously provisioned with z/OSMF cloud provisioning services. To view the list of provisioned instances, use the "zowe provisioning list registry-instances" command. Once you have obtained an instance name you can use the "zowe provisioning list instance-info <name>" command to view the available instance actions.

Usage

```
zowe provisioning perform action <name> <actionname> [options]
```

Positional Arguments

- `name` (*string*)
 - Provisioned Instance name.
- `actionname` (*string*)
 - The action name. Use the "zowe provisioning list instance-info <name>" command to view available instance actions.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Perform the "start" action on the provisioned instance "instance1":

- `zowe provisioning perform action instance1 start`

[zowe](#) > [provisioning](#) > [provision](#)

Using z/OSMF cloud provisioning services provision available templates.

[zowe](#) > [provisioning](#) > [provision](#) > [template](#)

Using z/OSMF cloud provisioning services, provision available templates. You can view available templates using the zowe provisioning list catalog-templates command.

Usage

```
zowe provisioning provision template <name> [options]
```

Positional Arguments

- `name` (*string*)
 - The name of a z/OSMF cloud provisioning template.

Options

- `--properties` | `-p` (*string*)
 - A sequence of string enclosed "name=value" pairs of prompt variables. e.g: "CSQ_MQ_SSID=ZCT1,CSQ_CMD_PFX!=ZCT1".
- `--properties-file` | `--pf` (*string*)
 - Path to .yml file containing properties.
- `--domain-name` | `--dn` (*string*)
 - Required if the user has consumer authorization to more than one domain with this template name.
- `--tenant-name` | `--tn` (*string*)
 - Required if the user has consumer authorization to more than one tenant in the same domain that contains this template name.
- `--user-data-id` | `--udi` (*string*)
 - ID for the user data specified with user-data. Passed into the software services registry.

- `--user-data` | `--ud` (*string*)
 - User data that is passed into the software services registry. Can be specified only if user-data-id is provided.
- `--account-info` | `--ai` (*string*)
 - Account information to use in the JCL JOB statement. The default is the account information that is associated with the resource pool for the tenant.
- `--system-nick-names` | `--snn` (*string*)
 - Each string is the nickname of the system upon which to provision the software service defined by the template. The field is required if the resource pool associated with the tenant used for this operation is not set up to automatically select a system. Only one nickname is allowed. If the field is provided it is validated. e.g: "SYSNAME1,SYSNAME2".

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Provision a published software service template.:.

- `zowe provisioning provision template template1`

[zowe](#) › [secure-credential-store](#)

Store credentials securely in profiles by encrypting them

[zowe](#) › [secure-credential-store](#) › [revert](#)

Reverts all secure profiles to be stored in plain text

Usage

```
zowe secure-credential-store revert [options]
```

Required Options

- `--for-sure | -f` (*boolean*)
 - Specify this option to confirm that you want to revert all credentials to be stored insecurely.

[zowe](#) › [secure-credential-store](#) › [update](#)

Updates all plain text profiles to be securely stored

Usage

```
zowe secure-credential-store update [options]
```

[zowe](#) › [sysview](#)

Zowe CLI plugin for CA SYSVIEW

[zowe](#) › [sysview](#) › [capture](#)

Display output from a primary command stored in a SYSVIEW capture data set

Usage

```
zowe sysview capture <capture-dsn> <capture-command> [options]
```

Positional Arguments

- `<capture-dsn>` (*string*)
 - Capture data set name from which to retrieve captured commands
- `<capture-command>` (*string*)
 - Captured command to retrieve

data options

- `--capture-row` | `--cr` (*number*)
 - Row number of command within capture data set
- `--capture-screen` | `--cs` (*string*)
 - Screen name, for commands which have multiple screens
- `--capture-title` | `--ct` (*string*)
 - The captured command screen title or a user supplied title specified on the CAPIMMED command
- `--fields` | `-f` (*array*)
 - Fields to be returned (by name). For example: "jobname" "cpu"
- `--all-rows` | `--ar` (*boolean*)
 - Return all rows of data, no matter how many. Overrides --row-start and --row-end

- `--row-start` | `--rs` (*number*)
 - The first row of the response data to display

Default value: 1
- `--row-end` | `--re` (*number*)
 - The last row of the response data to display

Default value: 100
- `--timeout` | `--to` (*number*)
 - The number of seconds to wait before timing out

Default value: 30

display options

- `--context-fields` | `--cf` (*array*)
 - Context fields to display. Defaults to hiding all context
- `--overview` | `-o` (*boolean*)
 - Display the overview section
- `--info` | `-i` (*boolean*)
 - Display the information area, if any
- `--pretty` | `-p` (*boolean*)
 - Display formatted data
- `--blank-if-zero` | `--biz` | `-b` (*boolean*)
 - Show a blank space instead of '0' values
- `--truncate` | `--tr` (*boolean*)
 - Truncate displays that are too wide for the console

Default value: false

response format options

- `--response-format-csv` | `--csv` (*boolean*)
 - Format data as a set of Comma Separated Values

sysview connection options

- `--host` | `-H` (*string*)
 - The hostname of the SYSVIEW REST API
- `--port` | `-P` (*number*)
 - The port number of the SYSVIEW REST API
- `--user` | `-u` (*string*)
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password` | `--pass` | `--pw` (*string*)
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set, the server certificate is verified against the list of supplied CAs

Default value: true
- `--ssid` (*string*)
 - SSID of the SYSVIEW instance. Default value: GSVX

Default value: GSVX
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` (*string*)
 - The name of a (sysview) profile to load for this command execution.
- `--sysview-format-profile` | `--sysview-format-p` (*string*)

- The name of a (sysview-format) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Display the captured ACTIVITY command from MY.CAPTURE.DATASET.:
 - `zowe sysview capture "MY.CAPTURE.DATASET" ACTIVITY`
- Display the Jobname, Jobid, and Status columns of the captured ACTIVITY command on row 3 from MY.CAPTURE.DATASET.:
 - `zowe sysview capture "MY.CAPTURE.DATASET" ACTIVITY --capture-row 3 --fields Jobname Jobid Status`

[zowe](#) > [sysview](#) > [check](#)

Confirm that the SYSVIEW REST server is running on a specified system.

[zowe](#) > [sysview](#) > [check](#) > [status](#)

Confirm that the SYSVIEW REST server is running on a system specified. The command outputs properties of the z/OS system and the SYSVIEW REST server.

Usage

`zowe sysview check status [options]`

sysview connection options

- `--host` | `-H` (*string*)

- The hostname of the SYSVIEW REST API
- `--port | -P (number)`
 - The port number of the SYSVIEW REST API
- `--user | -u (string)`
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password | --pass | --pw (string)`
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized | --ru (boolean)`
 - If set, the server certificate is verified against the list of supplied CAs

Default value: true
- `--ssid (string)`
 - SSID of the SYSVIEW instance. Default value: GSVX

Default value: GSVX
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Default value: /api/v1

Profile Options

- `--sysview-profile | --sysview-p (string)`
 - The name of a (sysview) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Report the status of the SYSVIEW REST server that you specified in your default SYSVIEW REST profile:
 - `zowe sysview check status`
- Report the status of the SYSVIEW REST server that you specified in a supplied SYSVIEW REST profile:
 - `zowe sysview check status --sysview-profile SomeSysviewProfileName`
- Report the status of the SYSVIEW REST server that you specified manually via command line:
 - `zowe sysview check status --host myhost --port 443 --user myuser --password mypass`

[zowe](#) › [sysview](#) › [display](#)

Issue a CA SYSVIEW primary command and display output, including any messages

Usage

```
zowe sysview display <command-string> [options]
```

Positional Arguments

- `command-string` (*string*)
 - Command(s) to be issued (If more than one command, separated by a semi-colon)
Example: "ACTIVITY;SORT CPU% D"

data options

- `--fields` | `-f` (*array*)
 - Fields to be returned (by name). For example: "jobname" "cpu"
- `--all-rows` | `--ar` (*boolean*)

- Return all rows of data, no matter how many. Overrides --row-start and --row-end
- `--row-start` | `--rs` *(number)*
 - The first row of the response data to display

Default value: 1
- `--row-end` | `--re` *(number)*
 - The last row of the response data to display

Default value: 100
- `--timeout` | `--to` *(number)*
 - The number of seconds to wait before timing out

Default value: 30

display options

- `--context-fields` | `--cf` *(array)*
 - Context fields to display. Defaults to hiding all context
- `--overview` | `-o` *(boolean)*
 - Display the overview section
- `--info` | `-i` *(boolean)*
 - Display the information area, if any
- `--pretty` | `-p` *(boolean)*
 - Display formatted data
- `--blank-if-zero` | `--biz` | `-b` *(boolean)*
 - Show a blank space instead of '0' values
- `--truncate` | `--tr` *(boolean)*
 - Truncate displays that are too wide for the console

Default value: false

response format options

- `--response-format-csv` | `--csv` (*boolean*)
 - Format data as a set of Comma Separated Values

sysview connection options

- `--host` | `-H` (*string*)
 - The hostname of the SYSVIEW REST API
- `--port` | `-P` (*number*)
 - The port number of the SYSVIEW REST API
- `--user` | `-u` (*string*)
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password` | `--pass` | `--pw` (*string*)
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized` | `--ru` (*boolean*)
 - If set, the server certificate is verified against the list of supplied CAs

Default value: true
- `--ssid` (*string*)
 - SSID of the SYSVIEW instance. Default value: GSVX

Default value: GSVX
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` (*string*)
 - The name of a (sysview) profile to load for this command execution.

- `--sysview-format-profile` | `--sysview-format-p` (*string*)
 - The name of a (sysview-format) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue the CSMSTAT command and show the 'message' field from the context area of the response:
 - `zowe sysview display "CSMSTAT" --cf message`
- Issue the JOBSUM command to list jobs starting with "CS" showing only the fields Jobname, Jobid, and Status:
 - `zowe sysview display "jobs CS&VLMC" --fields Jobname Jobid Status`

[zowe](#) > [sysview](#) > [execute](#)

Issue a CA SYSVIEW function command and display any messages

Usage

`zowe sysview execute <command-string> [options]`

Positional Arguments

- `command-string` (*string*)
 - Command(s) to be issued (If more than one command, separated by a semi-colon)
Example: "ACTIVITY;SORT CPU% D"

display options

- `--context-fields | --cf (array)`
 - Context fields to display. Defaults to hiding all context

data options

- `--timeout | --to (number)`
 - The number of seconds to wait before timing out
- Default value: 30

sysview connection options

- `--host | -H (string)`
 - The hostname of the SYSVIEW REST API
- `--port | -P (number)`
 - The port number of the SYSVIEW REST API
- `--user | -u (string)`
 - Your z/OS username used to authenticate to the SYSVIEW REST API
- `--password | --pass | --pw (string)`
 - Your z/OS password used to authenticate to the SYSVIEW REST API
- `--reject-unauthorized | --ru (boolean)`
 - If set, the server certificate is verified against the list of supplied CAs

Default value: true
- `--ssid (string)`
 - SSID of the SYSVIEW instance. Default value: GSVX

Default value: GSVX
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` (*string*)
 - The name of a (sysview) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue the APFTEST command and display any messages returned from SYSVIEW.:
 - `zowe sysview execute "APFTEST SYS1.LINKLIB SYS001"`

[zowe](#) › [zos-console](#)

Interact with z/OSMF console services. Issue z/OS console commands and collect responses. z/OS console services establishes extended MCS (EMCS) consoles on behalf of the user, which are used to issue the commands and collect responses.

Important! Before you use commands in the zos-console command group, ensure that you understand the implications of issuing z/OS console commands in your environment.

[zowe](#) › [zos-console](#) › [collect](#)

z/OSMF console services provides a command response key upon successful issue of a console command. You can use this key to collect additional console message responses.

[zowe](#) › [zos-console](#) › [collect](#) › [sync-responses](#)

The z/OSMF console REST APIs return a "solicited response key" after successfully issuing a synchronous console command that produces solicited responses. You can use the "solicited response key" on the "sync-responses" command to collect any additional outstanding solicited responses from the console the command was issued.

In general, when issuing a z/OS console command, z/OS applications route responses to the originating console. The command response messages are referred to as "solicited command responses" (i.e. direct responses to the command issued). When issuing a z/OS console command using Zowe CLI, collection of all solicited command responses is attempted by default. However, there is no z/OS mechanism that indicates the total number of response messages that may be produced from a given command. Therefore, the Zowe CLI console APIs return a "solicited response key" that can be used to "follow-up" and collect any additional solicited command responses.

Usage

```
zowe zos-console collect sync-responses <responsekey> [options]
```

Positional Arguments

- `responsekey` (*string*)
 - The "solicited response key" provided in response to a previously issued console command. Used by the z/OSMF console API to collect any additional outstanding

solicited responses from a previously issued console command. Must match regular expression: `^\[a-zA-Z0-9\]+\$`

Options

- `--console-name` | `--cn` | `-c` (*string*)
 - The name of the z/OS extended MCS console to direct the command. You must have the required authority to access the console specified. You may also specify an arbitrary name, if your installation allows dynamic creation of consoles with arbitrary names.

Allowed values: `^[a-zA-Z0-9]+$`

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Collect any outstanding additional solicited response messages:

◦ `zowe zos-console collect sync-responses C4866969`

[zowe](#) › [zos-console](#) › [issue](#)

Issue z/OS console commands and optionally collect responses.

[zowe](#) › [zos-console](#) › [issue](#) › [command](#)

Issue a z/OS console command and print command responses (known as "solicited command responses").

In general, when issuing a z/OS console command, z/OS applications route responses to the originating console. The command response messages are referred to as "solicited command responses" (i.e. direct responses to the command issued). When issuing a z/OS console

command using Zowe CLI, collection of all solicited command responses is attempted by default. However, there is no z/OS mechanism that indicates the total number of response messages that may be produced from a given command. Therefore, the Zowe CLI console APIs return a "solicited response key" that can be used to "follow-up" and collect any additional solicited command responses.

Zowe CLI will issue "follow-up" API requests by default to collect any additional outstanding solicited command responses until a request returns no additional responses. At that time, Zowe CLI will attempt a final collection attempt. If no messages are present, the command is complete. If additional messages are present, the process is repeated. However, this does not guarantee that all messages produced in direct response (i.e. solicited) have been collected. The z/OS application may produce additional messages in direct response to your command at some point in the future. You can manually collect additional responses using the "command response key" OR specify additional processing options to, for example, delay collection attempts by a specified interval.

Usage

```
zowe zos-console issue command <commandtext> [options]
```

Positional Arguments

- `commandtext` (*string*)
 - The z/OS console command to issue.

Options

- `--console-name` | `--cn` | `-c` (*string*)
 - The name of the z/OS extended MCS console to direct the command. You must have the required authority to access the console specified. You may also specify an arbitrary name, if your installation allows dynamic creation of consoles with arbitrary names.
Allowed values: ^[a-zA-Z0-9]+\$
- `--include-details` | `--id` | `-i` (*boolean*)
 - Include additional details at the end of the Zowe CLI command response, such as the "command response key" and the z/OSMF command response URL.
- `--key-only` | `--ko` | `-k` (*boolean*)
 - Displays only the "command response key" returned from the z/OSMF console API. You can collect additional messages using the command key with 'zowe zos-console collect

sync-responses <key>'. Note that when using this option, you will not be presented with the "first set" of command response messages (if present in the API response). However, you can view them by using the --response-format=json option.

- `--return-first | --rf | -r (boolean)`
 - Indicates that Zowe CLI should return immediately with the response message set returned in the first z/OSMF API request (even if no responses are present). Using this option may result in partial or no response, but quicker Zowe CLI command response time. The z/OSMF console API has an implicit wait when collecting the first set of console command responses, i.e you will normally receive at least one set of response messages.
- `--solicited-keyword | --sk | -s (string)`
 - For solicited responses (direct command responses) the response is considered complete if the keyword specified is present. If the keyword is detected, the command will immediately return, meaning the full command response may not be provided. The key only applies to the first request issued, follow up requests do not support searching for the keyword.
- `--sysplex-system | --ss | --sys (string)`
 - Specifies the z/OS system (LPAR) in the current SYSPLEX (where your target z/OSMF resides) to route the z/OS console command.
- `--wait-to-collect | --wtc | -w (number)`
 - Indicates that Zowe CLI wait at least the specified number of seconds before attempting to collect additional solicited response messages. If additional messages are collected on "follow-up" requests, the timer is reset until an attempt is made that results in no additional response messages.
- `--follow-up-attempts | --fua | -a (number)`
 - Number of request attempts if no response returned.

Default value: 1

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.

- `--port | -P` (*number*)
 - The z/OSMF server port.
- Default value: 443
- `--user | -u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue a z/OS console command to display the IPL information for the system:
 - `zowe zos-console issue command "D IPLINFO"`
- Issue a z/OS console command to display the local and coordinated universal time and date:
 - `zowe zos-console issue command "D T"`
- Issue a Db2 command to display information about the status and configuration of DDF:
 - `zowe zos-console issue command "\-DB1G DISPLAY DDF"`

[zowe](#) › [zos-extended-files](#)

Extended capabilities to manage z/OS datasets. This the zOS Files Extended offers additional capabilities beyond what the [zos-files](#) group offers including pattern matching.

[zowe](#) › [zos-extended-files](#) › [copy](#)

Copy the data set contents from one location to another.

[zowe](#) › [zos-extended-files](#) › [copy](#) › [data-set](#)

Copy the data set contents from one location to another.

Usage

```
zowe zos-extended-files copy data-set <fromDataSetName> <toDataSetName> [options]
```

Positional Arguments

- `fromDataSetName` (*string*)
 - The source data set.
- `toDataSetName` (*string*)
 - The target data set.

Options

- `--replace` | `--overwrite` | `--ow` (*boolean*)
 - Specifies whether a record in the source cluster is to replace a record in the target cluster.
- `--error-limit` | `--el` (*number*)
 - Specify a failure limit. Use this parameter to set a limit to the number of errors tolerated by this operation.
- `--skip` (*number*)
 - Specifies the number of logical records to skip before beginning to copy records.
- `--count` (*number*)

- Specifies the number of logical records you want to copy.
- `--only-print-statements` | `--print-only` | `--print` (*boolean*)
 - Only prints the statements/commands and does not execute them.

advanced options

- `--double-byte-character-set` | `--dbcs` (*boolean*)
 - Specifies that bytes in the logical record contain Double-Byte Character Set (DBCS) characters.
- `--mergecat` | `--mrgc` (*boolean*)
 - Specifies whether entries from the source catalog should be merged with the entries in the target catalog.
- `--catalog-entries` | `--entries` | `--ce` (*array*)
 - Specifies the name or generic name of each entry to merge.
- `--qualification-level` | `--level` | `--ql` (*string*)
 - Specifies that all entries that match this qualification level should be merged regardless of the number of additional qualifiers.
- `--starting-key` | `--from-key` (*string*)
 - Specifies the key of the first record you want to copy.
- `--starting-address` | `--from-address` (*string*)
 - Specifies the relative byte address (RBA) of the first record you want to copy.
- `--starting-number` | `--from-number` (*string*)
 - Specifies the relative record number of the first record you want to copy.
- `--ending-key` | `--to-key` (*string*)
 - Specifies the key of the last record you want to copy.
- `--ending-address` | `--to-address` (*string*)
 - Specifies the relative byte address (RBA) of the last record you want to copy.
- `--ending-number` | `--to-number` (*string*)

- Specifies the relative record number of the last record you want to copy.

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB':

- `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB"`
- Copy a VSAM data set named 'TEST.AAA' that contains DBCS characters to 'TEST.BBB':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --double-byte-character-set`
- Merge an Integrated Catalog Facility (ICF) user catalog 'TEST.AAA' into another ICF User Catalog 'TEST.BBB':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --mergecat`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' and merge all entries that match 'A..B' and 'B..C':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --mergecat --catalog-entries "A.*.B" "B.*.C"`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' and merge all entries with a qualification level equal to 'A.*.B':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --mergecat --qualification-level "A.*.B"`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' and replace any matching records:
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --replace`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' with an error limit of 1:
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --error-limit 1`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' and skip the first record:
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --skip 1`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' up to the 5th record:
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --count 5`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' starting from key '01' and ending in key '03':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --starting-key "01" --ending-key "03"`

- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' starting from address '01' and ending in address '03':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --starting-address "01" --ending-address "03"`
- Copy a VSAM data set named 'TEST.AAA' to 'TEST.BBB' starting from number '01' ending in number '03':
 - `zowe zos-extended-files copy data-set "TEST.AAA" "TEST.BBB" --starting-number "01" --ending-number "03"`
- Copy the content of a sequential data set named 'TEST.SEQ.AAA' to sequential dataset named 'TEST.SEQ.BBB':
 - `zowe zos-extended-files copy data-set "TEST.SEQ.AAA" "TEST.SEQ.BBB"`
- Copy the content of a sequential data set named 'TEST.SEQ.AAA' to member named 'TESTMBR' of partitioned dataset named 'TEST.PDS.AAA':
 - `zowe zos-extended-files copy data-set "TEST.SEQ.AAA" "TEST.PDS.AAA(TESTMBR)"`
- Copy the content of a member named 'TESTMBR' of partitioned dataset named 'TEST.PDS.AAA' to member named 'TESTMBR' of partitioned dataset named 'TEST.PDS.BBB':
 - `zowe zos-extended-files copy data-set "TEST.PDS.AAA(TESTMBR)" "TEST.PDS.BBB(TESTMBR)"`

[zowe](#) › [zos-extended-files](#) › [download](#)

Download content from z/OS data sets and USS files to your PC

[zowe](#) › [zos-extended-files](#) › [download](#) › [data-sets-matching](#)

Download all data sets that match a DSLEVEL pattern (see help below). You can use several options to qualify which data sets will be skipped and how the downloaded files will be structured. Data sets that are neither physical sequential nor partitioned data sets (with members) will be excluded.

Usage

```
zowe zos-extended-files download data-sets-matching <pattern> [options]
```

Positional Arguments

- `pattern` (*string*)
 - The pattern or patterns to match data sets against. Also known as 'DSLEVEL'. The following special sequences can be used in the pattern: %: matches any single character *: matches any number of characters within a data set name qualifier (e.g. "ibmuser.j*.old" matches "ibmuser.jcl.old" but not "ibmuser.jcl.very.old") **: matches any number of characters within any number of data set name qualifiers (e.g. "ibmuser.**.old" matches both "ibmuser.jcl.old" and "ibmuser.jcl.very.old") However, the pattern cannot begin with any of these sequences. You can specify multiple patterns separated by commas, for example "ibmuser.**.cntl,ibmuser.**.jcl"

Options

- `--binary` | `-b` (*boolean*)
 - Download the data set content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.
- `--directory` | `-d` (*string*)
 - The directory to where you want to save the members. The command creates the directory for you when it does not already exist. By default, the command creates a folder structure based on the data set qualifiers. For example, the data set ibmuser.newcntl's members are downloaded to ibmuser/new/cntl).
- `--exclude-patterns` | `--ep` (*string*)
 - Exclude data sets that match these DSLEVEL patterns. Any data sets that match this pattern will not be downloaded.
- `--extension` | `-e` (*string*)
 - Save the local files with a specified file extension. For example, .txt.
- `--extension-map` | `--em` (*string*)
 - Use this option to map data set names that match your pattern to the desired extension. A comma delimited key value pairing (e.g. "cntl=.jcl,cpgm=.c" to map the last segment of each data set (also known as the "low level qualifier" to the desired local file extension).

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download all data sets beginning with "ibmuser" and ending with ".cntl" or ".jcl" to the local directory "jcl" to files with the extension ".jcl":

- `zowe zos-extended-files download data-sets-matching "ibmuser.**.cntl,ibmuser.**.jcl" --directory jcl --extension .jcl`
- Download all data sets that begin with "ibmuser.public.project" or "ibmuser.project.private", excluding those that end in "lib" to the local directory "project", providing a custom mapping of data set low level qualifier to local file extension:
 - `zowe zos-extended-files download data-sets-matching "ibmuser.public.project.*,ibmuser.project.private.*" --exclude-pattern ibmuser.public.**.*lib --directory project/ --extension-map cpgm=c,asmpgm=asm,java=java,chdr=c,jcl=jcl,cntl=jcl`

[zowe](#) › [zos-extended-files](#) › [view](#)

View the contents of a data set or USS file to your terminal (stdout).

[zowe](#) › [zos-extended-files](#) › [view](#) › [data-set](#)

View content from a z/OS data set to your terminal (stdout).

Usage

```
zowe zos-extended-files view data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set you want to print.

Options

- `--binary` | `-b` (*boolean*)
 - View data set content in binary mode.

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- View the contents of the data set member "ibmusercntl(iefbr14)":
 - `zowe zos-extended-files view data-set "ibmusercntl(iefbr14)"`
- View the contents of the data set member "ibmuser.test.loadlib(main)" in binary mode:
 - `zowe zos-extended-files view data-set "ibmuser.test.loadlib(main)" --binary`

[zowe](#) > [zos-extended-files](#) > [view](#) > [uss-file](#)

View content from a Unix System Services (USS) file to your terminal (stdout).

Usage

zowe zos-extended-files view uss-file <file> [options]

Positional Arguments

- `file` (*string*)
 - The name of the USS file you want to print.

Options

- `--binary` | `-b` (*boolean*)
 - View USS file content in binary mode.

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View the contents of the USS file "/a/ibmuser/my_text.txt":
 - `zowe zos-extended-files view uss-file "/a/ibmuser/my_text.txt"`
- View the contents of the USS file "/a/ibmuser/MyJavaClass.class" in binary mode:
 - `zowe zos-extended-files view uss-file "/a/ibmuser/MyJavaClass.class" --binary`

[zowe](#) › [zos-extended-jobs](#)

Interact with z/OS jobs for automation administration and resource management.

[zowe](#) › [zos-extended-jobs](#) › [delete](#)

Delete a single job by job ID or delete multiple jobs in OUTPUT status.

[zowe](#) › [zos-extended-jobs](#) › [delete](#) › [old-jobs](#)

Delete (purge) jobs in OUTPUT status. Defaults to deleting all jobs owned by your user ID that are in output status.

Usage

```
zowe zos-extended-jobs delete old-jobs [options]
```

Options

- `--prefix | -p (string)`
 - Only delete jobs with job names that match this prefix. Defaults to deleting all jobs owned by your user ID that are in output status.

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.

- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete all of your jobs in output status with a job name starting with "ibmuser":
 - `zowe zos-extended-jobs delete old-jobs -p "ibmuser*"`

[zowe](#) > [zos-extended-jobs](#) > submit

Submit jobs (JCL) contained in data sets.

[zowe](#) > [zos-extended-jobs](#) > submit > stdin

Pipe JCL through stdin and submit it as a batch job. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

```
zowe zos-extended-jobs submit stdin [options]
```

Options

- `--view-all-spool-content` | `--vasc` (*boolean*)

- Print all spool output.
- `--directory | -d (string)`
 - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.
- `--extension | -e (string)`
 - A file extension to save the job output with. Default is '.txt'.

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host | -H (string)`
 - Host name of service on the mainframe.
- `--port | -P (number)`
 - Port number of service on the mainframe.
- `--user | -u (string)`
 - User name to authenticate to service on the mainframe.
- `--password | --pass | --pw (string)`
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Submit a job from stdin:

- `zowe zos-extended-jobs submit stdin < my_local_file_to_pipe.txt`

[zowe](#) › [zos-extended-jobs](#) › [submit](#) › [uss-file](#)

Submit a job (JCL) contained in a USS file. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

```
zowe zos-extended-jobs submit uss-file <file> [options]
```

Positional Arguments

- `file` (*string*)
 - Path to the USS file that contains JCL to submit.

Options

- `--view-all-spool-content` | `--vasc` (*boolean*)
 - Print all spool output. If you use this option you will wait the job to complete.
- `--directory` | `-d` (*string*)
 - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.
- `--extension` | `-e` (*string*)
 - A file extension to save the job output with. Default is '.txt'.

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.
- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Submit JCL in the USS file /a/ibmuser/compile.jcl:

- `zowe zos-extended-jobs submit uss-file "/a/ibmuser/compile.jcl"`

- Submit JCL in the USS file /a/ibmuser/compile.jcl, wait for the job to complete and print all output from the job:
 - `zowe zos-extended-jobs submit uss-file "/a/ibmuser/compile.jcl" --vasc`

[zowe](#) › [zos-extended-jobs](#) › [view](#)

View details of z/OS jobs on spool/JES queues.

[zowe](#) › [zos-extended-jobs](#) › [view](#) › [all-spool-content](#)

View the contents of each spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

```
zowe zos-extended-jobs view all-spool-content <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job containing the spool files you want to view. No pre-validation of the JOBID is performed.

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` (*string*)
 - Host name of service on the mainframe.
- `--port` | `-P` (*number*)
 - Port number of service on the mainframe.

- `--user` | `-u` (*string*)
 - User name to authenticate to service on the mainframe.
- `--password` | `--pass` | `--pw` (*string*)
 - Password to authenticate to service on the mainframe.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View all spool files for the job with job ID JOB00234:

- `zowe zos-extended-jobs view all-spool-content JOB00234`

[zowe](#) › [zos-files](#)

Manage z/OS data sets, create data sets, and more

[zowe](#) › [zos-files](#) › [copy](#)

Copy a data set

[zowe](#) › [zos-files](#) › [copy](#) › [data-set](#)

Copy a data set to another data set

Usage

```
zowe zos-files copy data-set <fromDataSetName> <toDataSetName> [options]
```

Positional Arguments

- `fromDataSetName` (*string*)
 - The name of the data set that you want to copy from
- `toDataSetName` (*string*)
 - The name of the data set that you want to copy to (data set must be preallocated)

Options

- `--replace` | `--rep` (*boolean*)
 - Specify this option as true if you wish to replace like-named members in the target dataset
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)

- The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Copy the data set named 'USER.FROM.SET' to the data set named 'USER.TO.SET':
 - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET"`
- Copy the data set member named 'USER.FROM.SET(MEM1)' to the data set member named 'USER.TO.SET(MEM2)':
 - `zowe zos-files copy data-set "USER.FROM.SET(mem1)" "USER.TO.SET(mem2)"`
- Copy the data set named 'USER.FROM.SET' to the data set member named 'USER.TO.SET(MEM2)':
 - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET(mem2)"`
- Copy the data set member named 'USER.FROM.SET(MEM1)' to the data set named 'USER.TO.SET':
 - `zowe zos-files copy data-set "USER.FROM.SET(mem1)" "USER.TO.SET"`
- Copy the data set named 'USER.FROM.SET' to the data set named 'USER.TO.SET' and replace like-named members:
 - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET" --replace`

[zowe](#) › [zos-files](#) › [create](#)

Create data sets

[zowe](#) › [zos-files](#) › [create](#) › [data-set](#)

Create data sets based on the properties of an existing data set

Usage

```
zowe zos-files create data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
- `--data-class` | `--dc` (*string*)
 - The SMS data class to use for the allocation
- `--data-set-type` | `--dst` | `--dsntype` (*string*)
 - The data set type
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblk` (*number*)
 - The number of directory blocks (for example, 25)
- `--like` | `--lk` (*string*)
 - Name of an existing data set to base your new data set's properties on
- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)
- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")
- `--record-length` | `--rl` | `--lrecl` (*number*)

- The logical record length. Analogous to the length of a line (for example, 80)
- `--secondary-space` | `--ss` (*number*)
 - The secondary space allocation (for example, 1)
- `--show-attributes` | `--pa` (*boolean*)
 - Show the full allocation attributes
- `--size` | `--sz` (*string*)
 - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class` | `--sc` (*string*)
 - The SMS storage class to use for the allocation
- `--volume-serial` | `--vs` | `--volser` (*string*)
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password | --pass | --pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create an dataset with default parameters and like flag:

- `zowe zos-files create data-set NEW.DATASET --like EXISTING.DATASET`

- Create an dataset with default parameters and like flag and lrec flag:

- `zowe zos-files create data-set NEW.DATASET --like EXISTING.DATASET --lrec1 1024`

[zowe](#) > [zos-files](#) > [create](#) > [data-set-binary](#)

Create executable data sets

Usage

```
zowe zos-files create data-set-binary <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
Default value: 27998
- `--data-class` | `--dc` (*string*)
 - The SMS data class to use for the allocation
- `--data-set-type` | `--dst` | `--dsntype` (*string*)
 - The data set type
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblks` (*number*)
 - The number of directory blocks (for example, 25)

Default value: 25

- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)

Default value: 10

- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")
- `--record-length` | `--rl` | `--lrecl` (*number*)
 - The logical record length. Analogous to the length of a line (for example, 80)

Default value: 27998

- `--secondary-space` | `--ss` (*number*)
 - The secondary space allocation (for example, 1)
- `--show-attributes` | `--pa` (*boolean*)
 - Show the full allocation attributes
- `--size` | `--sz` (*string*)
 - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class` | `--sc` (*string*)
 - The SMS storage class to use for the allocation
- `--volume-serial` | `--vs` | `--volser` (*string*)
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`

- The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create an empty binary partitioned data set (PDS) with default parameters:

- `zowe zos-files create data-set-binary NEW.BINARY.DATASET`

[zowe](#) > [zos-files](#) > [create](#) > [data-set-c](#)

Create data sets for C code programming

Usage

```
zowe zos-files create data-set-c <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
Default value: 32760
- `--data-class` | `--dc` (*string*)

- The SMS data class to use for the allocation
- `--data-set-type` | `--dst` | `--dsntype` (*string*)
 - The data set type
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblk` (*number*)
 - The number of directory blocks (for example, 25)
Default value: 25
- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)
Default value: 1
- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")
Default value: VB
- `--record-length` | `--rl` | `--lrecl` (*number*)
 - The logical record length. Analogous to the length of a line (for example, 80)
Default value: 260
- `--secondary-space` | `--ss` (*number*)
 - The secondary space allocation (for example, 1)
- `--show-attributes` | `--pa` (*boolean*)
 - Show the full allocation attributes
- `--size` | `--sz` (*string*)

- The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class` | `--sc` (*string*)
 - The SMS storage class to use for the allocation
- `--volume-serial` | `--vs` | `--volser` (*string*)
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create an empty C code PDS with default parameters:

- `zowe zos-files create data-set-c NEW.CCODE.DATASET`

[zowe](#) > [zos-files](#) > [create](#) > [data-set-classic](#)

Create classic data sets (JCL, HLASM, CBL, etc...)

Usage

```
zowe zos-files create data-set-classic <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
Default value: 6160
- `--data-class` | `--dc` (*string*)
 - The SMS data class to use for the allocation
- `--data-set-type` | `--dst` | `--dsntype` (*string*)
 - The data set type
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblk` (*number*)
 - The number of directory blocks (for example, 25)
Default value: 25
- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)
Default value: 1
- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")
Default value: FB

- `--record-length | --rl | --lrecl (number)`
 - The logical record length. Analogous to the length of a line (for example, 80)

Default value: 80
- `--secondary-space | --ss (number)`
 - The secondary space allocation (for example, 1)
- `--show-attributes | --pa (boolean)`
 - Show the full allocation attributes
- `--size | --sz (string)`
 - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class | --sc (string)`
 - The SMS storage class to use for the allocation
- `--volume-serial | --vs | --volser (string)`
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Create an empty z/OS 'classic' PDS with default parameters:

```
○ zowe zos-files create data-set-classic NEW.CLASSIC.DATASET
```

[zowe](#) > [zos-files](#) > [create](#) > [data-set-partitioned](#)

Create partitioned data sets (PDS)

Usage

```
zowe zos-files create data-set-partitioned <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
Default value: 6160
- `--data-class` | `--dc` (*string*)
 - The SMS data class to use for the allocation
- `--data-set-type` | `--dst` | `--dsntype` (*string*)
 - The data set type
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblks` (*number*)
 - The number of directory blocks (for example, 25)
Default value: 5

- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)
Default value: 1
- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")
Default value: FB
- `--record-length` | `--rl` | `--lrecl` (*number*)
 - The logical record length. Analogous to the length of a line (for example, 80)
Default value: 80
- `--secondary-space` | `--ss` (*number*)
 - The secondary space allocation (for example, 1)
- `--show-attributes` | `--pa` (*boolean*)
 - Show the full allocation attributes
- `--size` | `--sz` (*string*)
 - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class` | `--sc` (*string*)
 - The SMS storage class to use for the allocation
- `--volume-serial` | `--vs` | `--volser` (*string*)
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`

- The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create an empty PDS with default parameters:

- `zowe zos-files create data-set-partitioned NEW.PDS.DATASET`

[zowe](#) > [zos-files](#) > [create](#) > [data-set-sequential](#)

Create physical sequential data sets (PS)

Usage

```
zowe zos-files create data-set-sequential <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` (*number*)
 - The block size for the data set (for example, 6160)
Default value: 6160
- `--data-class` | `--dc` (*string*)

- The SMS data class to use for the allocation
- `--device-type` | `--dt` | `--unit` (*string*)
 - The device type, also known as 'unit'
- `--directory-blocks` | `--db` | `--dirblk` (*number*)
 - The number of directory blocks (for example, 25)
- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--primary-space` | `--ps` (*number*)
 - The primary space allocation (for example, 5)

Default value: 1
- `--record-format` | `--rf` | `--recfm` (*string*)
 - The record format for the data set (for example, FB for "Fixed Block")

Default value: FB
- `--record-length` | `--rl` | `--lrecl` (*number*)
 - The logical record length. Analogous to the length of a line (for example, 80)

Default value: 80
- `--secondary-space` | `--ss` (*number*)
 - The secondary space allocation (for example, 1)
- `--show-attributes` | `--pa` (*boolean*)
 - Show the full allocation attributes
- `--size` | `--sz` (*string*)
 - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).
- `--storage-class` | `--sc` (*string*)

- The SMS storage class to use for the allocation
- `--volume-serial | --vs | --volser (string)`
 - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create an empty physical sequential data set with default parameters:

◦ `zowe zos-files create data-set-sequential NEW.PS.DATASET`

[zowe](#) › [zos-files](#) › [create](#) › [data-set-vsam](#)

Create a VSAM cluster

Usage

`zowe zos-files create data-set-vsam <dataSetName> [options]`

Positional Arguments

- `dataSetName` (*string*)
 - The name of the dataset in which to create a VSAM cluster

Options

- `--data-class | --dc (string)`
 - The SMS data class to use for the allocation
 - `--data-set-organization | --dso | --dsorg (string)`
 - The data set organization.
- Default value: INDEXED
- Allowed values: INDEXED, IXD, LINEAR, LIN, NONINDEXED, NIXD, NUMBERED, NUMD, ZFS
- `--management-class | --mc (string)`
 - The SMS management class to use for the allocation
 - `--retain-for | --rf (number)`
 - The number of days that the VSAM cluster will be retained on the system. You can delete the cluster at any time when neither retain-for nor retain-to is specified.
 - `--retain-to | --rt (string)`
 - The earliest date that a command without the PURGE parameter can delete an entry. Specify the expiration date in the form yyyyddd, where yyyy is a four-digit year (maximum value: 2155) and ddd is the three-digit day of the year from 001 through 365 (for non-leap years) or 366 (for leap years). You can delete the cluster at any time when neither retain-for nor retain-to is used. You cannot specify both the 'retain-to' and 'retain-for' options.
 - `--secondary-space | --ss (number)`
 - The number of items for the secondary space allocation (for example, 840). The type of item allocated is the same as the type used for the '-size' option. If you do not specify a secondary allocation, a value of ~10% of the primary allocation is used.
 - `--show-attributes | --pa (boolean)`
 - Show the full allocation attributes
 - `--size | --sz (string)`
 - The primary size to allocate for the VSAM cluster. Specify size as the number of items to allocate (nItems). You specify the type of item by keyword.

Default value: 840KB

- `--storage-class | --sc (string)`
 - The SMS storage class to use for the allocation
- `--volumes | -v (string)`
 - The storage volumes on which to allocate a VSAM cluster. Specify a single volume by its volume serial (VOLSER). To specify more than one volume, enclose the option in double-quotes and separate each VOLSER with a space. You must specify the volumes option when your cluster is not SMS-managed.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
 - `--port | -P (number)`
 - The z/OSMF server port.
- Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--base-path | --bp (string)`

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create a VSAM data set named "SOME.DATA.SET.NAME" using default values of INDEXED, 840 KB primary storage and 84 KB secondary storage:
 - `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME`
- Create a 5 MB LINEAR VSAM data set named "SOME.DATA.SET.NAME" with 1 MB of secondary space. Show the properties of the data set when it is created:
 - `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME --data-set-organization LINEAR --size 5MB --secondary-space 1 --show-attributes`
- Create a VSAM data set named "SOME.DATA.SET.NAME", which is retained for 100 days:

- `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME --retain-for 100`

[zowe](#) > [zos-files](#) > [create](#) > [uss-directory](#)

Create a UNIX directory.

Usage

```
zowe zos-files create uss-directory <ussPath> [options]
```

Positional Arguments

- `ussPath` (*string*)
 - The name of the directory that you want to create.

Options

- `--mode` | `-m` (*string*)
 - Specifies the file permission bits to use when creating the directory.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create a USS directory named "testDir":
 - `zowe zos-files create uss-directory testDir`

- Create a USS directory named "testDir" with mode "rwxrwxrwx" :
 - `zowe zos-files create uss-directory testDir -m rwxrwxrwx`

[zowe](#) > [zos-files](#) > [create](#) > [uss-file](#)

Create a UNIX file.

Usage

```
zowe zos-files create uss-file <ussPath> [options]
```

Positional Arguments

- `ussPath` (*string*)
 - The name of the file that you want to create.

Options

- `--mode` | `-m` (*string*)
 - Specifies the file permission bits to use when creating the file.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create a USS file named "test.ext":

- `zowe zos-files create uss-file text.txt`
- Create a USS file named "text.txt" with mode "rwxrwxrwx" :
 - `zowe zos-files create uss-file text.txt -m rwxrwxrwx`

[zowe](#) > [zos-files](#) > [create](#) > [zos-file-system](#)

Create a z/OS file system.

Usage

```
zowe zos-files create zos-file-system <fileSystemName> [options]
```

Positional Arguments

- `fileSystemName` (*string*)
 - The name of the file system to create.

Options

- `--cyls-pri` | `--cp` (*number*)
 - The number of primary cylinders to allocate for the ZFS.
Default value: 10
- `--cyls-sec` | `--cs` (*number*)
 - The number of secondary cylinders to allocate for the ZFS.
Default value: 2
- `--data-class` | `--dc` (*string*)
 - The SMS data class to use for the allocation
- `--group` | `-g` (*string*)
 - The z/OS group ID or GID for the group of the ZFS root directory.
- `--management-class` | `--mc` (*string*)
 - The SMS management class to use for the allocation
- `--owner` | `-o` (*string*)

- The z/OS user ID or UID for the owner of the ZFS root directory.
- `--perms | -p (number)`
 - The permissions code for the ZFS root directory.

Default value: 755
- `--storage-class | --sc (string)`
 - The SMS storage class to use for the allocation
- `--timeout | -t (number)`
 - The number of seconds to wait for the underlying "zfsadm format" command to complete. If this command times out, the ZFS may have been created but not formatted correctly.

Default value: 20
- `--volumes | -v (array)`
 - The storage volumes on which to allocate the z/OS file system. Specify a single volume by its volume serial (VOLSER). To specify more than one volume, separate each VOLSER with a space. You must specify the volumes option when your cluster is not SMS-managed.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443
- `--user | -u (string)`

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Create a ZFS named "HLQ.MYNEW.ZFS" using default values of 755 permissions, 10 primary and 2 secondary cylinders allocated, and a timeout of 20 seconds:
 - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS`

- Create a ZFS with 100 primary and 10 secondary cylinders allocated:
 - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS --cp 100 --cs 10`

- Create a ZFS specifying the volumes that should be used:
 - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS -v ZFS001 ZFS002`

[zowe](#) > [zos-files](#) > [delete](#)

Delete a data set or Unix System Services file

[zowe](#) > [zos-files](#) > [delete](#) > [data-set](#)

Delete a data set or data set member permanently

Usage

`zowe zos-files delete data-set <dataSetName> [options]`

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to delete

Required Options

- `--for-sure | -f` (*boolean*)
 - Specify this option to confirm that you want to delete the data set permanently.

Options

- `--volume | --vol` (*string*)
 - The volume serial (VOLSER) where the data set resides. The option is required only when the data set is not catalogued on the system.

- `--responseTimeout` | `--rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H (string)`
 - The z/OSMF server host name.
- `--port` | `-P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the data set named 'ibmuser.cntl':
 - `zowe zos-files delete data-set "ibmuser.cntl" -f`
- Delete the data set member named 'ibmuser.cntl(mem)':
 - `zowe zos-files delete data-set "ibmuser.cntl(mem)" -f`

[zowe](#) › [zos-files](#) › [delete](#) › [data-set-vsam](#)

Delete a VSAM cluster permanently

Usage

```
zowe zos-files delete data-set-vsam <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the VSAM cluster that you want to delete

Options

- `--erase` | `-e` (*boolean*)

- Specify this option to overwrite the data component for the cluster with binary zeros.
This option is ignored if the NOERASE attribute was specified when the cluster was defined or altered.
- Default value: false
- `--purge | -p (boolean)`
 - Specify this option to delete the VSAM cluster regardless of its retention period or date.
- Default value: false
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Required Options

- `--for-sure | -f (boolean)`
 - Specify this option to confirm that you want to delete the VSAM cluster permanently.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
- Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the VSAM data set named 'ibmuser.cntl.vsam':
 - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f`
- Delete all expired VSAM data sets that match 'ibmuser.AAA.**.FFF':
 - `zowe zos-files delete data-set-vsam "ibmuser.AAA.**.FFF" -f`

- Delete a non-expired VSAM data set named 'ibmuser.cntl.vsam':
 - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f --purge`
- Delete an expired VSAM data set named 'ibmuser.cntl.vsam' by overwriting the components with zeros:
 - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f --erase`

[zowe](#) > [zos-files](#) > [delete](#) > [migrated-data-set](#)

Delete migrated data sets.

Usage

`zowe zos-files delete migrated-data-set <dataSetName> [options]`

Positional Arguments

- `dataSetName` (*string*)
 - The name of the migrated data set you want to delete.

Options

- `--wait | -w` (*boolean*)
 - If true then the function waits for completion of the request. If false (default) the request is queued.

Default value: false
- `--purge | -p` (*boolean*)
 - If true then the function uses the PURGE=YES on ARCHDEL request. If false (default) the function uses the PURGE=NO on ARCHDEL request.

Default value: false
- `--responseTimeout | --rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete a migrated data set using default options:

- `zowe zos-files delete migrated-data-set "USER.DATA.SET"`

[zowe](#) > [zos-files](#) > [delete](#) > [uss-file](#)

Delete a Unix Systems Services (USS) File or directory permanently

Usage

```
zowe zos-files delete uss-file <fileName> [options]
```

Positional Arguments

- `fileName` (*string*)
 - The name of the file or directory that you want to delete

Required Options

- `--for-sure` | `-f` (*boolean*)
 - Specify this option to confirm that you want to delete the file or directory permanently.

Options

- `--recursive` | `-r` (*boolean*)
 - Delete directories recursively.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be

terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the empty directory '/u/ibmuser/testcases':
 - `zowe zos-files delete uss-file "/a/ibmuser/testcases" -f`
- Delete the file named '/a/ibmuser/my_text.txt':
 - `zowe zos-files delete uss-file "/a/ibmuser/testcases/my_text.txt" -f`
- Recursively delete the directory named '/u/ibmuser/testcases':
 - `zowe zos-files delete uss-file "/a/ibmuser/testcases" -rf`

[zowe](#) › [zos-files](#) › [delete](#) › [zos-file-system](#)

Delete a z/OS file system permanently.

Usage

```
zowe zos-files delete zos-file-system <fileSystemName> [options]
```

Positional Arguments

- `fileSystemName` (*string*)
 - The name of the z/OS file system that you want to delete.

Required Options

- `--for-sure` | `-f` (*boolean*)

- Specify this option to confirm that you want to delete the ZFS permanently.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Options

- `--responseTimeout | --rto (number)`

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Delete the z/OS file system 'HLQ.MYNEW.ZFS':

- `zowe zos-files delete zos-file-system "HLQ.MYNEW.ZFS" -f`

[zowe](#) > [zos-files](#) > [download](#)

Download content from z/OS data sets and USS files to your PC

[zowe](#) > [zos-files](#) > [download](#) > [all-members](#)

Download all members from a partitioned data set to a local folder

Usage

```
zowe zos-files download all-members <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set from which you want to download members

Options

- `--binary` | `-b` (*boolean*)
 - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.
- `--directory` | `-d` (*string*)
 - The directory to where you want to save the members. The command creates the directory for you when it does not already exist. By default, the command creates a folder structure based on the data set qualifiers. For example, the data set ibmuser.new.cntl's members are downloaded to ibmuser/new/cntl).
- `--encoding` | `--ec` (*number*)
 - Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.
- `--extension` | `-e` (*string*)
 - Save the local files with a specified file extension. For example, .txt. Or "" for no extension. When no extension is specified, .txt is used as the default file extension.
- `--fail-fast` | `--ff` (*boolean*)
 - Set this option to false to continue downloading dataset members if one or more fail.

Default value: true
- `--max-concurrent-requests` | `--mcr` (*number*)
 - Specifies the maximum number of concurrent z/OSMF REST API requests to download members. Increasing the value results in faster downloads. However, increasing the value increases resource consumption on z/OS and can be prone to errors caused by making too many concurrent requests. If the download process encounters an error, the following message displays: The maximum number of TSO address spaces have been created. When you specify 0, Zowe CLI attempts to download all members at once without a maximum number of concurrent requests.

- `--preserve-original-letter-case` | `--po` (*boolean*)
 - Specifies if the automatically generated directories and files use the original letter case

Default value: false
- `--volume-serial` | `--vs` (*string*)
 - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download the members of the data set "ibmuser.loadlib" in binary mode to the directory "loadlib/":
 - `zowe zos-files download all-members "ibmuser.loadlib" -b -d loadlib`
- Download the members of the data set "ibmusercntl" in text mode to the directory "jcl/":
 - `zowe zos-files download all-members "ibmusercntl" -d jcl`

[zowe](#) > [zos-files](#) > [download](#) > [data-set](#)

Download content from a z/OS data set to a local file

Usage

```
zowe zos-files download data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set that you want to download

Options

- `--binary` | `-b` (*boolean*)
 - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.
 - `--encoding` | `--ec` (*number*)
 - Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.
 - `--extension` | `-e` (*string*)
 - Save the local files with a specified file extension. For example, `.txt`. Or `""` for no extension. When no extension is specified, `.txt` is used as the default file extension.
 - `--file` | `-f` (*string*)
 - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.
 - `--preserve-original-letter-case` | `--po` (*boolean*)
 - Specifies if the automatically generated directories and files use the original letter case
- Default value: false
- `--volume-serial` | `--vs` (*string*)
 - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.
 - `--responseTimeout` | `--rto` (*number*)

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`

- The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download the data set "ibmuser.loadlib(main)" in binary mode to the local file "main.obj":
 - `zowe zos-files download data-set "ibmuser.loadlib(main)" -b -f main.obj`

[zowe](#) > [zos-files](#) > [download](#) > [uss-file](#)

Download content from a USS file to a local file on your PC

Usage

```
zowe zos-files download uss-file <ussFileName> [options]
```

Positional Arguments

- `ussFileName` (*string*)
 - The name of the USS file you want to download

Options

- `--binary` | `-b` (*boolean*)
 - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.
- `--encoding` | `--ec` (*number*)

- Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.
- `--file | -f (string)`
 - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download the file "/a/ibmuser/my_text.txt" to ./my_text.txt:
 - `zowe zos-files download uss-file "/a/ibmuser/my_text.txt" -f ./my_text.txt`
- Download the file "/a/ibmuser/MyJava.class" to "java/MyJava.class" in binary mode:
 - `zowe zos-files download uss-file "/a/ibmuser/MyJava.class" -b -f "java/MyJava.class"`

[zowe](#) › [zos-files](#) › [invoke](#)

Invoke z/OS utilities such as Access Method Services (AMS)

[zowe](#) › [zos-files](#) › [invoke](#) › [ams-file](#)

Submit control statements for execution by Access Method Services (IDCAMS). You can use IDCAMS to create VSAM data sets (CSI, ZFS, etc...), delete data sets, and more. You must format

the control statements exactly as the IDCAMS utility expects. For more information about control statements, see the IBM publication 'z/OS DFSMS Access Method Services Commands'.

Usage

```
zowe zos-files invoke ams-file <controlStatementsFile> [options]
```

Positional Arguments

- `controlStatementsFile (string)`
 - The path to a file that contains IDCAMS control statements. Ensure that your file does not contain statements that are longer than 255 characters (maximum allowed length).

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Options

- `--responseTimeout | --rto (number)`

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile | --zosmf-p (string)`

- The name of a (zosmf) profile to load for this command execution.

- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Reads the specified file and submits the controls statements:

◦ `zowe zos-files invoke ams-file "./path/to/file/MyControlStatements.idcams"`

[zowe](#) > [zos-files](#) > [invoke](#) > [ams-statements](#)

Submit control statements for execution by Access Method Services (IDCAMS). You can use IDCAMS to create VSAM data sets (CSI, ZFS, etc...), delete data sets, and more. You must format

the control statements exactly as the IDCAMS utility expects. For more information about control statements, see the IBM publication 'z/OS DFSMS Access Method Services Commands'.

Usage

```
zowe zos-files invoke ams-statements <controlStatements> [options]
```

Positional Arguments

- `controlStatements` (*string*)
 - The IDCAMS control statement that you want to submit. Zowe CLI attempts to split the inline control statement at 255 characters.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Options

- `--responseTimeout | --rto (number)`

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile | --zosmf-p (string)`

- The name of a (zosmf) profile to load for this command execution.

- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Defines a cluster named 'DUMMY.VSAM.CLUSTER':

- `zowe zos-files invoke ams-statements "DEFINE CLUSTER (NAME (DUMMY.VSAM.CLUSTER) CYL(1 1))"`

- Deletes a cluster named 'DUMMY.VSAM.CLUSTER':

- `zowe zos-files invoke ams-statements "DELETE DUMMY.VSAM.CLUSTER CLUSTER"`

[zowe](#) > [zos-files](#) > [list](#)

List data sets and data set members. Optionally, you can list their details and attributes.

[zowe](#) > [zos-files](#) > [list](#) > [all-members](#)

List all members of a partitioned data set. To view additional information about each member, use the --attributes option under the Options section of this help text.

Usage

```
zowe zos-files list all-members <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set for which you want to list the members

Options

- `--attributes` | `-a` (*boolean*)
 - Display more information about each member. Data sets with an undefined record format display information related to executable modules. Variable and fixed block data sets display information about when the members were created and modified.
- `--max-length` | `--max` (*number*)
 - The option --max-length specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.
- `--pattern` (*string*)
 - The option --pattern specifies the match pattern used when listing members in a data set. The default is to match against all members, e.g. "*".
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Show members of the data set "ibmuser.asm":
 - `zowe zos-files list all-members "ibmuser.asm"`
- Show attributes of members of the data set "ibmuser.cntl":
 - `zowe zos-files list all-members "ibmuser.cntl" -a`
- Show the first 5 members of the data set "ibmuser.cntl":
 - `zowe zos-files list all-members "ibmuser.cntl" --max 5`
- Show the first 4 members of the data set "ibmuser.cntl" matching an input pattern:
 - `zowe zos-files list all-members "sys1.maclib" --pattern IJK* --max 4`

[zowe](#) > [zos-files](#) > [list](#) > [data-set](#)

List data sets that match a pattern in the data set name

Usage

```
zowe zos-files list data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name or pattern of the data set that you want to list

Options

- `--attributes` | `-a` (*boolean*)

- Display more information about each member. Data sets with an undefined record format display information related to executable modules. Variable and fixed block data sets display information about when the members were created and modified.
- `--max-length` | `--max` *(number)*
 - The option `--max-length` specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.
- `--responseTimeout` | `--rto` *(number)*
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*
 - The z/OSMF server host name.
- `--port` | `-P` *(number)*
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` *(string)*
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` *(string)*
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` *(boolean)*
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` *(string)*
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Show the data set "ibmuser.asm":
 - `zowe zos-files list data-set "ibmuser.asm"`
- Show attributes of the data set "ibmuser.cntl":
 - `zowe zos-files list data-set "ibmuser.cntl" -a`
- Show all data sets of the user "ibmuser":
 - `zowe zos-files list data-set "ibmuser.*"`
- Show attributes of all data sets of the user "ibmuser":
 - `zowe zos-files list data-set "ibmuser.*" -a`
- Show the first 5 data sets of the user "ibmuser":

- `zowe zos-files list data-set "ibmusercntl" --max 5`

[zowe](#) > [zos-files](#) > [list](#) > [file-system](#)

List all mounted filesystems, or the specific filesystem mounted at a given path, or the filesystem with a given filesystem name.

Usage

```
zowe zos-files list file-system [options]
```

Options

- `--max-length` | `--max` (*number*)
 - The option `--max-length` specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.
- `--fsname` | `-f` (*string*)
 - Specifies the name of the mounted file system. This option and `--path` are mutually exclusive.
- `--path` | `-p` (*string*)
 - Specifies the path where the file system is mounted. This option and `--fsname` are mutually exclusive.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- To list all mounted filesystems:
 - `zowe zos-files list file-system`
- To list filesystems mounted to a specific path:
 - `zowe zos-files list file-system -p /a/ibmuser`
- To list filesystems mounted with a specific name:
 - `zowe zos-files list file-system -f MY.ZFS`

[zowe](#) > [zos-files](#) > [list](#) > [uss-files](#)

List USS files and directories in a UNIX file path

Usage

```
zowe zos-files list uss-files <path> [options]
```

Positional Arguments

- `path` (*string*)
 - The directory containing the files and directories to be listed

Options

- `--max-length` | `--max` (*number*)
 - The option `--max-length` specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Show the files and directories in path '/u/ibmuser':
 - `zowe zos-files list uss-files "/u/ibmuser"`
- Show the files and directories in path '/u/ibmuser' displaying only the file or directory name:
 - `zowe zos-files list uss-files "/u/ibmuser" --rff name`
- Show the files and directories in path '/u/ibmuser' displaying the headers associated with the file detail:
 - `zowe zos-files list uss-files "/u/ibmuser" --rfh`

[zowe](#) > [zos-files](#) > [migrate](#)

Migrate data sets.

[zowe](#) > [zos-files](#) > [migrate](#) > [data-set](#)

Migrate a data set.

Usage

```
zowe zos-files migrate data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` (*string*)
 - The name of the data set you want to migrate.

Options

- `--wait` | `-w` (*boolean*)
 - If true then the function waits for completion of the request. If false (default) the request is queued.
Default value: false
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Migrate a data set using default options:
 - `zowe zos-files migrate data-set "USER.DATA.SET"`

[zowe](#) > [zos-files](#) > [mount](#)

Mount z/OS UNIX file systems, such as HFS, ZFS, and more. This connects you to USS file systems.

[zowe](#) > [zos-files](#) > [mount](#) > [file-system](#)

Mount a UNIX file system on a specified directory.

Usage

```
zowe zos-files mount file-system <fileSystemName> <mountPoint> [options]
```

Positional Arguments

- `fileSystemName` (*string*)
 - The name of the file system to mount.
- `mountPoint` (*string*)
 - The directory to use as a mount point.

Options

- `--fs-type` | `--ft` (*string*)
 - Specify the file system type that you are going to mount. The name must match the TYPE operand on a FILESYSTYPE statement in the BPXPRMxx parmlib member for the file system.

Default value: ZFS
- `--mode` | `-m` (*string*)
 - Specify the mode for mounting the file system (rreadonly - read-only, rdwr - read/write).

Default value: rreadonly

Allowed values: rreadonly, rdwr
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
 - `--port | -P (number)`
 - The z/OSMF server port.
- Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` *(string)*
 - The value of the token to pass to the API.

Examples

- Mount a z/OS file system using default options:

- `zowe zos-files mount file-system MY.ZFS /a/ibmuser/mountdir`

- Mount a hierarchical file system with write access:

- `zowe zos-files mount file-system MY.HFS /a/ibmuser/mountdir --ft HFS -m rdwr`

[zowe](#) › [zos-files](#) › [recall](#)

Recall migrated data sets.

[zowe](#) › [zos-files](#) › [recall](#) › [data-set](#)

Recall a migrated data set.

Usage

```
zowe zos-files recall data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName` *(string)*
 - The name of the data set you want to recall.

Options

- `--wait` | `-w` *(boolean)*

- If true then the function waits for completion of the request. If false (default) the request is queued.

Default value: false

- `--responseTimeout | --rto (number)`

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`

- The z/OSMF server host name.

- `--port | -P (number)`

- The z/OSMF server port.

Default value: 443

- `--user | -u (string)`

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password | --pass | --pw (string)`

- Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized | --ru (boolean)`

- Reject self-signed certificates.

Default value: true

- `--base-path | --bp (string)`

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol (string)`

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Recall a data set using default options:
 - `zowe zos-files recall data-set "USER.DATA.SET"`

[zowe](#) › [zos-files](#) › [rename](#)

Rename a data set or member.

[zowe](#) › [zos-files](#) › [rename](#) › [data-set](#)

Rename a data set.

Usage

```
zowe zos-files rename data-set <beforeDataSetName> <afterDataSetName> [options]
```

Positional Arguments

- `beforeDataSetName` (*string*)

- The name of the data set that you want to rename.
- `afterDataSetName` (*string*)
 - The name you want to rename the data set to.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Options

- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Rename the data set named 'USER.BEFORE.SET' to 'USER.AFTER.SET':

- `zowe zos-files rename data-set "USER.BEFORE.SET" "USER.AFTER.SET"`

[zowe](#) > [zos-files](#) > [rename](#) > [data-set-member](#)

Rename a data set member.

Usage

```
zowe zos-files rename data-set-member <dataSetName> <beforeMemberName>  
<afterMemberName> [options]
```

Positional Arguments

- `dataSetName` (*string*)

- The name of the data set the member belongs to.
- `beforeMemberName` (*string*)
 - The name of the data set member that you want to rename.
- `afterMemberName` (*string*)
 - The name you want to rename the data set member to.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https

Allowed values: http, https

Options

- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- In the data set 'USER.DATA.SET', rename the member named 'MEM1' to 'MEM2':
 - `zowe zos-files rename data-set-member "USER.DATA.SET" "MEM1" "MEM2"`

[zowe](#) › [zos-files](#) › [unmount](#)

Unmount file systems, such as HFS, ZFS, and more. This disconnects you from USS file systems.

[zowe](#) › [zos-files](#) › [unmount](#) › [file-system](#)

Unmount a UNIX file system.

Usage

```
zowe zos-files unmount file-system <fileSystemName> [options]
```

Positional Arguments

- `fileSystemName` (*string*)
 - The name of the file system to unmount.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https

Allowed values: http, https

Options

- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Unmount a mounted file system:

- `zowe zos-files unmount file-system MY.FS`

[zowe](#) › [zos-files](#) › [upload](#)

Upload the contents of a file to z/OS data sets

[zowe](#) › [zos-files](#) › [upload](#) › [dir-to-pds](#)

Upload files from a local directory to a partitioned data set (PDS)

Usage

```
zowe zos-files upload dir-to-pds <inputdir> <dataSetName> [options]
```

Positional Arguments

- `inputdir` (*string*)
 - The path for a local directory that you want to upload to a PDS
- `dataSetName` (*string*)
 - The name of the partitioned data set to which you want to upload the files

Options

- `--binary` | `-b` (*boolean*)
 - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.
- `--encoding` | `--ec` (*number*)
 - Data content in encoding mode, which means that data conversion is performed according to the encoding specified.
- `--migrated-recall` | `--mr` (*string*)
 - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error
 - Default value: nowait
- `--volume-serial` | `--vs` (*string*)
 - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` *(string)*
 - The value of the token to pass to the API.

Examples

- Upload a directory named "src" to a PDS named "ibmuser.src":
 - `zowe zos-files upload dir-to-pds "src" "ibmuser.src"`
- Upload a directory named "src" to a migrated PDS named "ibmuser.src" and wait for it to be recalled:
 - `zowe zos-files upload dir-to-pds "src" "ibmuser.src" --mr wait`

[zowe](#) › [zos-files](#) › [upload](#) › [dir-to-uss](#)

Upload a local directory to a USS directory.

An optional `.zosattributes` file in the source directory can be used to control file conversion and tagging.

An example `.zosattributes` file:

```
# pattern local-encoding remote-encoding
# Don't upload the node_modules directory
.* -
*.jpg binary binary
# Convert CICS Node.js profiles to EBCDIC
*.profile ISO8859-1 EBCDIC
```

Lines starting with the '#' character are comments. Each line can specify up to three positional attributes:

- A pattern to match a set of files. Pattern-matching syntax follows the same rules as those that apply in `.gitignore` files (note that negated patterns that begin with '!' are not supported). See https://git-scm.com/docs/gitignore#_pattern_format.

- A local-encoding to identify a file's encoding on the local workstation. If '-' is specified for local-encoding, files that match the pattern are not transferred.
- A remote-encoding to specify the file's desired character set on USS. This attribute must either match the local encoding or be set to EBCDIC. If set to EBCDIC, files are transferred in text mode and converted, otherwise they are transferred in binary mode. Remote files are tagged either with the remote encoding or as binary.

Due to a z/OSMF limitation, files that are transferred in text mode are converted to the default EBCDIC code page on the z/OS system. Therefore the only EBCDIC code page to specify as the remote encoding is the default code page for your system.

A .zosattributes file can either be placed in the top-level directory you want to upload, or its location can be specified by using the --attributes parameter. .zosattributes files that are placed in nested directories are ignored.

Usage

```
zowe zos-files upload dir-to-uss <inputDir> <USSDir> [options]
```

Positional Arguments

- `inputDir` (*string*)
 - The local directory path that you want to upload to a USS directory
- `USSDir` (*string*)
 - The name of the USS directory to which you want to upload the local directory

Options

- `--binary` | `-b` (*boolean*)
 - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.
- `--recursive` | `-r` (*boolean*)
 - Upload all directories recursively.
- `--binary-files` | `--bf` (*string*)
 - Comma separated list of file names to be uploaded in binary mode. Use this option when you upload a directory in default ASCII mode, but you want to specify certain files to be

uploaded in binary mode. All files matching specified file names will be uploaded in binary mode. If a .zosattributes file (or equivalent file specified via --attributes) is present, --binary-files will be ignored.

- `--ascii-files` | `--af` (*string*)
 - Comma separated list of file names to be uploaded in ASCII mode. Use this option when you upload a directory with --binary/-b flag, but you want to specify certain files to be uploaded in ASCII mode. All files matching specified file names will be uploaded in ASCII mode. If a .zosattributes file (or equivalent file specified via --attributes) is present, --ascii-files will be ignored.
- `--attributes` | `--attrs` (*string*)
 - Path of an attributes file to control how files are uploaded
- `--max-concurrent-requests` | `--mcr` (*number*)
 - Specifies the maximum number of concurrent z/OSMF REST API requests to upload files. Increasing the value results in faster uploads. However, increasing the value increases resource consumption on z/OS and can be prone to errors caused by making too many concurrent requests. If the upload process encounters an error, the following message displays: The maximum number of TSO address spaces have been created. When you specify 0, Zowe CLI attempts to upload all members at once without a maximum number of concurrent requests.

Default value: 1

- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Examples

- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory::

- `zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir"`

- Upload all files from the "local_dir" directory and all its sub-directories, to the "/a/ibmuser/my_dir" USS directory::

- `zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --recursive`

- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory in default ASCII mode, while specifying a list of file names (without path) to be uploaded in binary mode::

- `zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --binary-files "myFile1.exe,myFile2.exe,myFile3.exe"`

- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory in binary mode, while specifying a list of file names (without path) to be uploaded in ASCII mode::

- `zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --binary-ascii-files "myFile1.txt,myFile2.txt,myFile3.txt"`

- Recursively upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory, specifying files to ignore and file encodings in the local file my_global_attributes::

- `zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --recursive --attributes my_global_attributes`

[zowe](#) › [zos-files](#) › [upload](#) › [file-to-data-set](#)

Upload the contents of a file to a z/OS data set

Usage

```
zowe zos-files upload file-to-data-set <inputfile> <dataSetName> [options]
```

Positional Arguments

- `inputfile (string)`

- The local file that you want to upload to a data set
- `dataSetName` (*string*)
 - The name of the data set to which you want to upload the file

Options

- `--binary` | `-b` (*boolean*)
 - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.
- `--encoding` | `--ec` (*number*)
 - Data content in encoding mode, which means that data conversion is performed according to the encoding specified.
- `--migrated-recall` | `--mr` (*string*)
 - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

Default value: nowait
- `--volume-serial` | `--vs` (*string*)
 - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout` | `--rto` (*number*)
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)

- The z/OSMF server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
- Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
 - `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Upload file contents to a sequential data set named "ibmuser.ps":
 - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.ps"`
- Upload file contents to a PDS member named "ibmuser.pds(mem)":
 - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.pds(mem)"`
- Upload file contents to a migrated data set and wait for it to be recalled:
 - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.ps" --mr wait`

[zowe](#) › [zos-files](#) › [upload](#) › [file-to-uss](#)

Upload content to a USS file from local file

Usage

```
zowe zos-files upload file-to-uss <inputfile> <USSFileName> [options]
```

Positional Arguments

- `inputfile` (*string*)
 - The local file that you want to upload to a USS file
- `USSFileName` (*string*)
 - The name of the USS file to which you want to upload the file

Options

- `--binary` | `-b` (*boolean*)
 - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding | --ec (number)`
 - Data content in encoding mode, which means that data conversion is performed according to the encoding specified.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Upload to the USS file "/a/ibmuser/my_text.txt" from the file "file.txt":

- `zowe zos-files upload file-to-uss "file.txt" "/a/ibmuser/my_text.txt"`

[zowe](#) › [zos-files](#) › [upload](#) › [stdin-to-data-set](#)

Upload the content of a stdin to a z/OS data set

Usage

```
zowe zos-files upload stdin-to-data-set <dataSetName> [options]
```

Positional Arguments

- `dataSetName (string)`
 - The name of the data set to which you want to upload data

Options

- `--binary | -b (boolean)`
 - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.
- `--migrated-recall | --mr (string)`
 - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

Default value: nowait
- `--volume-serial | --vs (string)`
 - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.
- `--responseTimeout | --rto (number)`
 - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`

- Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- Stream content from stdin to a sequential data set named "ibmuser.ps" from a Windows console:
 - `echo "hello world" | zowe zos-files upload stdin-to-data-set "ibmuser.ps"`

- Stream content from stdin to a partition data set member named "ibmuser.pds(mem)" from a Windows console:

```
o echo "hello world" | zowe zos-files upload stdin-to-data-set  
  "ibmuser.pds(mem)"
```

- Stream content from stdin to a migrated data set and wait for it to be recalled from a Windows console:

```
o echo "hello world" | zowe zos-files upload stdin-to-data-set "ibmuser.ps" --  
  mr wait
```

[zowe](#) › [zos-ftp](#)

Data set and job functionality via FTP. This functionality uses the open source zos-node-accessor package from IBM. Commands under this group require you to create a zftp profile before using them. If you find this functionality useful, please consider setting up z/OSMF on your system to get improved stability and speed and more features (for example, issuing TSO and console commands) by using core Zowe CLI.

[zowe](#) › [zos-ftp](#) › [allocate](#)

Allocate a sequential or partitioned dataset

[zowe](#) › [zos-ftp](#) › [allocate](#) › [data-set](#)

Allocate a sequential or partitioned dataset

Usage

```
zowe zos-ftp allocate data-set <datasetName> [options]
```

Positional Arguments

- `datasetName` (*string*)
 - The dataset name you'd like to allocate.

Options

- `--dcb` (*string*)
 - DCB parameters for dataset allocation. It's space separated like RECFM=FB LRECL=326 BLKSIZE=23472
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)

- How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
 - `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
 - `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Allocate a dataset "IBMUSER.DATASET":

- `zowe zos-ftp allocate data-set "IBMUSER.DATASET"`

[zowe](#) › [zos-ftp](#) › [delete](#)

Delete data sets, jobs, and USS files

[zowe](#) › [zos-ftp](#) › [delete](#) › [data-set](#)

Delete a data set

Usage

```
zowe zos-ftp delete data-set <dataSet> [options]
```

Positional Arguments

- `dataSet` (*string*)
 - The data set (PDS member or physical sequential data set) which you would like to delete.

Required Options

- `--for-sure` | `-f` (*boolean*)
 - Specify this option to confirm that you want to delete the data set permanently.
- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)

- The port of the z/OS FTP server.
Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
- `--password | -p | --pass | -pw (string)`
 - Password to authenticate to FTP.

Options

- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.
Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the data set "ibmuser.cntl":

- `zowe zos-ftp delete data-set "ibmuser.cntl" -f`

[zowe](#) › [zos-ftp](#) › [delete](#) › [job](#)

Cancel a job and purge its output. Note: this command will not work to delete TSU or STC type jobs.

Usage

```
zowe zos-ftp delete job <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The ID of the job that you would like to delete

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.

Default value: 21

- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Cancel the job "JOB00123" and purge its output, optionally abbreviating the job ID:
 - `zowe zos-ftp delete job j123`

[zowe](#) > [zos-ftp](#) > [delete](#) > [uss-file](#)

Delete a USS file

Usage

`zowe zos-ftp delete uss-file <ussFile> [options]`

Positional Arguments

- `ussFile` (*string*)
 - The absolute path to a USS file you would like to delete.

Required Options

- `--for-sure` | `-f` (*boolean*)
 - Specify this option to confirm that you want to delete the data set permanently.
- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.

Default value: 21

- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--recursive` (*boolean*)
 - Delete the directory and all files/directories under it.
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete the USS file "/u/ibmuser/myfile.txt":

- `zowe zos-ftp delete uss-file "/u/ibmuser/myfile.txt" -f`

[zowe](#) › [zos-ftp](#) › [download](#)

Download data set, job spool, and USS file content

[zowe](#) › [zos-ftp](#) › [download](#) › [all-spool-by-jobid](#)

Download all spool content for a job to files in a local directory by providing the job id

Usage

```
zowe zos-ftp download all-spool-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The ID of the job for which you would like to list spool files

Options

- `--directory` | `-d` (*string*)
 - The local directory to save the spool content to. By default, it will be saved to "./output".
- `--omit-jobid-directory` | `--ojd` (*boolean*)

- If you specify this, the job output will be saved directly to the specified (or default) directory. For example, if you omit this, the output would be saved to ./output/JOB00123. If you specify --ojd, the JOB00123 directory would not be included in the output path and the content would be saved to ./output.

- `--secure-ftp` (*boolean*)

- Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)

- How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` (*string*)

- The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` (*number*)

- The port of the z/OS FTP server.

Default value: 21

- `--user` | `-u` (*string*)

- Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` (*string*)

- Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download all spool for the job with the ID JOB00123 to the default subdirectory in the current directory:
 - `zowe zos-ftp download all-spool-by-jobid j123`
- Download all spool for the job with the ID JOB00123 to the directory build/job_output:
 - `zowe zos-ftp download all-spool-by-jobid j123 -d build/job_output/`

[zowe](#) > [zos-ftp](#) > [download](#) > [data-set](#)

Download the contents of a z/OS data set to a local file

Usage

```
zowe zos-ftp download data-set <dataSet> [options]
```

Positional Arguments

- `dataSet` (*string*)
 - The data set (PDS member or physical sequential data set) which you would like to download to a local file.

Options

- `--binary` | `-b` (*boolean*)
 - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.
- `--file` | `-f` (*string*)
 - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
 - `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)

- Username for authentication on z/OS
- `--password | -p | --pass | --pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download the data set "ibmuser.loadlib(main)" in binary mode to the local file "main.obj":
 - `zowe zos-ftp download data-set "ibmuser.loadlib(main)" -b -f main.obj`

[zowe](#) › [zos-ftp](#) › [download](#) › [uss-file](#)

Download the contents of a USS file to a local file

Usage

```
zowe zos-ftp download uss-file <ussFile> [options]
```

Positional Arguments

- `ussFile` (*string*)
 - The path to the USS file you would like to download.

Options

- `--binary` | `-b` (*boolean*)
 - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.
- `--file` | `-f` (*string*)
 - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download the USS file "/u/users/ibmuser/main.obj" in binary mode to the local file "main.obj":
 - `zowe zos-ftp download uss-file "/u/users/ibmuser/main.obj" -b -f main.obj`

[zowe](#) > [zos-ftp](#) > [list](#)

List data sets, data set members, uss files, jobs, spool files

[zowe](#) > [zos-ftp](#) > [list](#) > [data-set](#)

List all data sets that match a DSLEVEL pattern (see help below). The following values can be used with the --response-format-filter (-rff) argument to display more data from the data sets:volume, unit, referred, ext, used, recfm, lrecl, blksz, dsorg, and dsname.

Usage

```
zowe zos-ftp list data-set <pattern> [options]
```

Positional Arguments

- `pattern` (*string*)
 - The pattern or patterns to match data sets against. Also known as 'DSLEVEL', it is somewhat similar to the concept of a 'glob' (but not identical). The following special sequences can be used in the pattern:
%: Matches any single character
: Matches any number of characters within a data set name qualifier (e.g. "ibmuser.j.old" matches "ibmuser.jcl.old" but not "ibmuser.jcl.very.old")
: Matches any number of characters within any number of data set name qualifiers (e.g. "ibmuser..old" matches both "ibmuser.jcl.old" and "ibmuser.jcl.very.old") However, the pattern cannot begin with any of these sequences.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.

Default value: 21

- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all data sets beginning with "ibmuser" and ending in "cntl":
 - `zowe zos-ftp list data-set "ibmuser.**.cntl"`

[zowe](#) › [zos-ftp](#) › [list](#) › [data-set-members](#)

List all members of the specified PDS or PDSE data set.

Usage

```
zowe zos-ftp list data-set-members <dsname> [options]
```

Positional Arguments

- `dsname` (*string*)
 - The PDS or PDSE data set name.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout` | `--ct` (*number*)

- How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all members in data set "ibmuser.test.cntl":

- `zowe zos-ftp list data-set-members "ibmuser.test.cntl"`

[zowe](#) › [zos-ftp](#) › [list](#) › [jobs](#)

List all data sets that match a DSLEVEL pattern (see help below).

Usage

```
zowe zos-ftp list jobs [options]
```

Required Options

- `--prefix` (*string*)
 - Specify the job name prefix of the jobs you own and want to list. You can specify a wildcard, which is usually in the form "JOB*".
- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.

- `--port | -P (number)`
 - The port of the z/OS FTP server.

Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
- `--password | -p | --pass | --pw (string)`
 - Password to authenticate to FTP.

Options

- `--owner | -o (string)`
 - Specify the owner user ID of the jobs you want to list. The owner is the individual/user who submitted the job OR the user ID assigned to the job.
- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true
- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs with names beginning beginning with "ibmu":

- `zowe zos-ftp list jobs --prefix "ibmu*"`

- List Alice's jobs with names beginning beginning with "ibmu":

- `zowe zos-ftp list jobs --prefix "ibmu*" --owner "alice"`

[zowe](#) › [zos-ftp](#) › [list](#) › [spool-files-by-jobid](#)

Given a z/OS job JOBID, list the spool files (DDs) for a z/OS job on the JES/spool queues. The command does not pre-validate the JOBID.

Usage

```
zowe zos-ftp list spool-files-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job with the spool files you want to list. No pre-validation of the JOBID is performed.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.

Default value: 21

- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)

- Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the spool files of the job with JOBID JOB00123:

- `zowe zos-ftp list spool-files-by-jobid job00123`

[zowe](#) › [zos-ftp](#) › [list](#) › [uss-files](#)

List USS files and subdirectories in a directory. The following values can be used with the --response-format-filter (--rff) argument to display more data from the data sets: name, size, owner, group, and permissions

Usage

```
zowe zos-ftp list uss-files <directory> [options]
```

Positional Arguments

- `directory` (*string*)
 - The USS directory to list files in

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout` | `--ct` (*number*)

- How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List USS files in the directory "/u/users/ibmuser/":
 - `zowe zos-ftp list uss-files "/u/users/ibmuser"`
- List USS files in the directory "/u/users/ibmuser/" and show only the file name:
 - `zowe zos-ftp list uss-files "/u/users/ibmuser/" --rff name`

[zowe](#) › [zos-ftp](#) › [make](#)

Make a USS directory

[zowe](#) › [zos-ftp](#) › [make](#) › [uss-directory](#)

Make a Unix System Services Directory

Usage

`zowe zos-ftp make uss-directory <ussDirectory> [options]`

Positional Arguments

- `ussDirectory` (*string*)
 - The USS directory you'd like to make.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Make a USS directory "/u/users/ibmuser/mydir":

- `zowe zos-ftp make uss-directory "/u/users/ibmuser/mydir"`

[zowe](#) > [zos-ftp](#) > [rename](#)

Rename data sets and USS files or directories

[zowe](#) > [zos-ftp](#) > [rename](#) > [data-set](#)

Rename a cataloged data set

Usage

```
zowe zos-ftp rename data-set <oldDataSet> <newDataSet> [options]
```

Positional Arguments

- `oldDataSet` (*string*)
 - The current name of the data set you want to rename.
- `newDataSet` (*string*)
 - The new name for the data set.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
 - `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
 - `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Rename the data set ibmuser.jcl to ibmusercntl:
 - `zowe zos-ftp rename data-set ibmuser.jcl ibmusercntl`
- Rename the data set member "ibmusercntl(alloc)" to "ibmusercntl(alloc2)". Note: you can only rename members within the same partitioned data set. You cannot move a member to another data set with this command.:
 - `zowe zos-ftp rename data-set "ibmusercntl(alloc)" "ibmusercntl(alloc2)"`

[zowe](#) › [zos-ftp](#) › [rename](#) › [uss-file](#)

Rename a USS file or directory

Usage

```
zowe zos-ftp rename uss-file <olduss> <newuss> [options]
```

Positional Arguments

- `olduss` (*string*)
 - The current name of the USS file you want to rename.
- `newuss` (*string*)
 - The new name for the USS file.

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout` | `--ct` (*number*)

- How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Rename the file /u/users/ibmuser/hello.txt to /u/users/ibmuser/hello2.txt:
 - `zowe zos-ftp rename uss-file "/u/users/ibmuser/hello.txt" "/u/users/ibmuser/hello2.txt"`

Submit jobs from local files and data sets

[zowe](#) > [zos-ftp](#) > [submit](#) > [data-set](#)

Submit a job from a cataloged data set containing JCL. The JCL will be downloaded via FTP and then submitted.

Usage

```
zowe zos-ftp submit data-set <dataSet> [options]
```

Positional Arguments

- `dataSet` (*string*)
 - The data set containing JCL that you would like to submit

Options

- `--wait` | `-w` (*string*)
 - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.
 - `--wait-for-output` | `--wfo` (*boolean*)
 - Wait for the job to enter OUTPUT status before completing the command.
 - `--wait-for-active` | `--wfa` (*boolean*)
 - Wait for the job to enter ACTIVE status before completing the command.
 - `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
 - `--port | -P (number)`
 - The port of the z/OS FTP server.
- Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
 - `--password | -p | --pass | --pw (string)`
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job residing in the data set "ibmusercntl(iefbr14)":
 - `zowe zos-ftp submit data-set "ibmusercntl(iefbr14)"`
- Submit a job from the data set "ibmusercntl(iefbr14)" and print only the job ID:

- `zowe zos-ftp submit data-set "ibmusercntl(iefbr14)" --rff jobid --rft string`
- Submit a job from the data set "ibmusercntl(iefbr14)" and wait for job complete.:
 - `zowe zos-ftp submit data-set "ibmusercntl(iefbr14)" --wait 5,12`

[zowe](#) > [zos-ftp](#) > [submit](#) > [local-file](#)

Submit a job from a local file containing JCL

Usage

`zowe zos-ftp submit local-file <file> [options]`

Positional Arguments

- `file` (*local file path*)
 - The file you would like to submit as jcl

Options

- `--wait | -w (string)`
 - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.
- `--wait-for-output | --wfo (boolean)`
 - Wait for the job to enter OUTPUT status before completing the command.
- `--wait-for-active | --wfa (boolean)`
 - Wait for the job to enter ACTIVE status before completing the command.
- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
 - Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job from the local file "my_build_jcl.txt":

- `zowe zos-ftp submit local-file "my_build_jcl.txt"`

- Submit a job from the local file "my_build_jcl.txt" and print only the job ID:
 - `zowe zos-ftp submit local-file "my_build_jcl.txt" --rff jobid --rft string`

- Submit a job from the local file "my_build_jcl.txt" and wait for job complete.:
 - `zowe zos-ftp submit local-file "my_build_jcl.txt" --wait 5,12`

zowe > zos-ftp > submit > stdin

Submit a job from JCL written to the standard input (stdin) of this process.

Usage

`zowe zos-ftp submit stdin [options]`

Options

- `--wait | -w (string)`
 - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.
- `--wait-for-output | --wfo (boolean)`
 - Wait for the job to enter OUTPUT status before completing the command.
- `--wait-for-active | --wfa (boolean)`
 - Wait for the job to enter ACTIVE status before completing the command.
- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
 - `--port | -P (number)`
 - The port of the z/OS FTP server.
- Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
 - `--password | -p | --pass | --pw (string)`
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job from stdin, redirecting the contents of my_jcl.txt in.:
 - `zowe zos-ftp submit stdin < my_jcl.txt`
- Submit a job from the local file "my_build_jcl.txt" and wait for job complete.:
 - `zowe zos-ftp submit my_build_jcl.txt --wait`

- `zowe zos-ftp submit stdin "my_build_jcl.txt" --wait 5,12`

[zowe](#) > [zos-ftp](#) > [upload](#)

Upload data set and USS content

[zowe](#) > [zos-ftp](#) > [upload](#) > [file-to-data-set](#)

Upload contents of a local file to a z/OS data set

Usage

```
zowe zos-ftp upload file-to-data-set <file> <dataSet> [options]
```

Positional Arguments

- `file` (*local file path*)
 - Upload the contents of this file to the data set
- `dataSet` (*string*)
 - The data set (PDS member or physical sequential data set) to which you would like to upload content.

Options

- `--binary` | `-b` (*boolean*)
 - Upload content in binary mode.
 - `--dcb` (*string*)
 - DCB parameters for dataset allocation if not existing. It's space separated like RECFM=FB LRECL=326 BLKSIZE=23472
 - `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Upload to "ibmusercntl(iefbr14)" from the file iefbr14.txt:

- `zowe zos-ftp upload file-to-data-set iefbr14.txt "ibmusercntl(iefbr14)"`

- Upload to "ibmusercntl(iefbr14)" from the file iefbr14.txt with the DCB parameters:

- `zowe zos-ftp upload file-to-data-set iefbr14.txt "ibmusercntl(iefbr14)" --dcb "RECFM=FB LRECL=326 BLKSIZE=23472"`

[zowe](#) › [zos-ftp](#) › [upload](#) › [file-to-uss-file](#)

Upload contents of a local to a Unix System Services file.

Usage

```
zowe zos-ftp upload file-to-uss-file <file> <ussFile> [options]
```

Positional Arguments

- `file` (*local file path*)
 - Upload the contents of this local file to a data set.
- `ussFile` (*string*)
 - The USS file to which you would like to upload content.

Options

- `--binary` | `-b` (*boolean*)
 - Upload content in binary mode.
- `--secure-ftp` (*boolean*)

- Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` *(number)*
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

Required Options

- `--host` | `-H` *(string)*
 - The hostname or IP address of the z/OS server to connect to.
 - `--port` | `-P` *(number)*
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` *(string)*
 - Username for authentication on z/OS
 - `--password` | `-p` | `--pass` | `--pw` *(string)*
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` *(string)*
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Upload to "/u/users/ibmuser/iefbr14.txt" from the file iefbr14.txt:
 - `zowe zos-ftp upload file-to-uss-file iefbr14.txt`
"/u/users/ibmuser/iefbr14.txt"

[zowe](#) > [zos-ftp](#) > [upload](#) > [stdin-to-data-set](#)

Upload contents piped to stdin to a z/OS data set

Usage

`zowe zos-ftp upload stdin-to-data-set <dataSet> [options]`

Positional Arguments

- `dataSet` (*string*)
 - The data set (PDS member or physical sequential data set) to which you would like to upload content.

Options

- `--binary` | `-b` (*boolean*)
 - Upload content in binary mode.

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Upload to "ibmuser.cntl(iefbr14)" from standard input (you can pipe into this command):
 - `zowe zos-ftp upload stdin-to-data-set "ibmuser.cntl(iefbr14)"`

[zowe](#) › [zos-ftp](#) › [upload](#) › [stdin-to-uss-file](#)

Upload from stdin to a Unix System Services File

Usage

```
zowe zos-ftp upload stdin-to-uss-file <ussFile> [options]
```

Positional Arguments

- `ussFile` (*string*)
 - The USS file to which you would like to upload content.

Options

- `--binary` | `-b` (*boolean*)
 - Upload content in binary mode.

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Upload to "/u/users/ibmuser/iefbr14.txt" from standard input (you can pipe into this command):
 - `zowe zos-ftp upload stdin-to-uss-file "/u/users/ibmuser/iefbr14.txt"`

[zowe](#) > [zos-ftp](#) > [view](#)

View data sets, job output, and USS content

[zowe](#) > [zos-ftp](#) > [view](#) > [all-spool-by-jobid](#)

View all spool content for a job by providing the job id

Usage

```
zowe zos-ftp view all-spool-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The ID of the job for which you would like to list spool files

Required Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
 - `--port | -P (number)`
 - The port of the z/OS FTP server.
- Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
 - `--password | -p | --pass | --pw (string)`
 - Password to authenticate to FTP.

Options

- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`

- Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- View all spool content for the job with ID JOB00123 (optionally abbreviating the job ID):
 - `zowe zos-ftp view all-spool-by-jobid j123`

[zowe](#) > [zos-ftp](#) > [view](#) > [data-set](#)

View the contents of a z/OS data set

Usage

```
zowe zos-ftp view data-set <dataSet> [options]
```

Positional Arguments

- `dataSet (string)`
 - The data set (PDS member or physical sequential data set) which you would like to view the contents of.

Options

- `--binary | -b (boolean)`
 - View content in binary form without converting to ASCII text
- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
 - `--port | -P (number)`
 - The port of the z/OS FTP server.
- Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
 - `--password | -p | --pass | --pw (string)`
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`

- Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- View the content of the data set "ibmusercntl(iefbr14)":
 - `zowe zos-ftp view data-set "ibmusercntl(iefbr14)"`
- View the content of the data set "ibmuser.loadlib(main)" and pipe it into the hex viewer program xxd:
 - `zowe zos-ftp view data-set "ibmuser.loadlib(main)" -b | xxd`

[zowe](#) › [zos-ftp](#) › [view](#) › [job-status-by-jobid](#)

View status details of a single z/OS job on spool/JES queues. The command does not prevalidate the JOBID.

Usage

```
zowe zos-ftp view job-status-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The ID of the job for which you would like to list spool files

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
- `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
- `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

Options

- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
Default value: true
- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.
Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)
 - The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- View the status for the job with ID "JOB00123" (optionally abbreviating the ID):

- `zowe zos-ftp view job-status-by-jobid j123`

[zowe](#) › [zos-ftp](#) › [view](#) › [spool-file-by-id](#)

View the contents of a spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID.

Usage

```
zowe zos-ftp view spool-file-by-id <jobid> <spoolfileid> [options]
```

Positional Arguments

- `jobid (string)`
 - The z/OS JOBID of the job containing the spool file you want to view. No pre-validation of the JOBID is performed.
- `spoolfileid (number)`
 - The spool file ID number for the spool file to view. No pre-validation of the ID is performed.

Required Options

- `--host | -H (string)`
 - The hostname or IP address of the z/OS server to connect to.
- `--port | -P (number)`

- The port of the z/OS FTP server.
Default value: 21
- `--user | -u (string)`
 - Username for authentication on z/OS
- `--password | -p | --pass | -pw (string)`
 - Password to authenticate to FTP.

Options

- `--secure-ftp (boolean)`
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.
- Default value: true
- `--connection-timeout | --ct (number)`
 - How long (in milliseconds) to wait for the control connection to be established.
- Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name | --sn (string)`
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile | --zftp-p (string)`
 - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View the spool file with ID 4 for the job with job ID JOB00123:
 - `zowe zos-ftp view spool-file-by-id JOB00123 4`

[zowe](#) › [zos-ftp](#) › [view](#) › [uss-file](#)

View the contents of a Unix System Services File

Usage

```
zowe zos-ftp view uss-file <ussFile> [options]
```

Positional Arguments

- `ussFile` (*string*)
 - The USS file you'd like to view the contents of.

Options

- `--binary` | `-b` (*boolean*)
 - View content in binary form without converting to ASCII text
- `--secure-ftp` (*boolean*)
 - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this

mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` (*number*)
 - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` (*string*)
 - The hostname or IP address of the z/OS server to connect to.
 - `--port` | `-P` (*number*)
 - The port of the z/OS FTP server.
- Default value: 21
- `--user` | `-u` (*string*)
 - Username for authentication on z/OS
 - `--password` | `-p` | `--pass` | `--pw` (*string*)
 - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.
- `--server-name` | `--sn` (*string*)
 - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` (*string*)

- The name of a (zftp) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View the content of the USS file "/u/users/ibmuser/myfile.txt":
 - `zowe zos-ftp view uss-file "/u/users/ibmuser/myfile.txt"`
- View the content of the USS file "/u/users/ibmuser/myjava.jar" in binary mode and pipe it into the hex viewer command xxd:
 - `zowe zos-ftp view uss-file "/u/users/ibmuser/myjava.jar" -b | xxd`

[zowe](#) › [zos-jobs](#)

Manage z/OS jobs.

[zowe](#) › [zos-jobs](#) › [cancel](#)

Cancel a single job by job ID. This cancels the job if it is running or on input.

[zowe](#) › [zos-jobs](#) › [cancel](#) › [job](#)

Cancel a single job by job ID

Usage

```
zowe zos-jobs cancel job <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs -- no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate the job ID if desired. You can use, for example "J123".

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
 - `--port` | `-P` (*number*)
 - The z/OSMF server port.
- Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Cancel job with job ID JOB03456:
 - `zowe zos-jobs cancel job JOB03456`

[zowe](#) > [zos-jobs](#) > [delete](#)

Delete a single job by job ID in OUTPUT status. This cancels the job if it is running and purges its output from the system

[zowe](#) > [zos-jobs](#) > [delete](#) > [job](#)

Delete a single job by job ID

Usage

```
zowe zos-jobs delete job <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs -- no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate the job ID if desired. You can use, for example "J123".

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Delete job with job ID JOB03456.:
 - `zowe zos-jobs delete job JOB03456`

[zowe](#) › [zos-jobs](#) › [download](#)

Download the output of a job as separate files.

[zowe](#) › [zos-jobs](#) › [download](#) › [output](#)

Download all job output to a local directory. Each spool DD will be downloaded to its own file in the directory.

Usage

```
zowe zos-jobs download output <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job containing the spool files you want to view. No pre-validation of the JOBID is performed.

Options

- `--directory` | `-d` | `--dir` (*string*)
 - The local directory you would like to download the output for the job to.
- `--extension` | `-e` (*string*)
 - A file extension to save the job output with. Defaults to '.txt'.
- `--omit-jobid-directory` | `--ojd` (*boolean*)
 - If specified, job output will be saved directly to the specified directory rather than creating a subdirectory named after the ID of the job.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Download all the output of the job with job ID JOB00234 to an automatically generated directory.:

- `zowe zos-jobs download output JOB00234`

[zowe](#) > [zos-jobs](#) > [list](#)

List z/OS jobs and list the spool files (DDs) for a z/OS job on the JES/spool queues.

[zowe](#) > [zos-jobs](#) > [list](#) > [jobs](#)

List jobs on JES spool/queues. By default, the command lists jobs owned (owner) by the user specified in your z/OSMF profile. The default for prefix is "*". The command does not prevalidate your user ID. The command surfaces errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

```
zowe zos-jobs list jobs [options]
```

Options

- `--owner | -o (string)`
 - Specify the owner of the jobs you want to list. The owner is the individual/user who submitted the job OR the user ID assigned to the job. The command does not prevalidate the owner. You can specify a wildcard according to the z/OSMF Jobs REST endpoint documentation, which is usually in the form "USER*".
- `--prefix | -p (string)`
 - Specify the job name prefix of the jobs you want to list. The command does not prevalidate the owner. You can specify a wildcard according to the z/OSMF Jobs REST endpoint documentation, which is usually in the form "JOB*".

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
- Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
- Default value: https
- Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs with default settings. The command returns jobs owned by your user ID with any job name:
 - `zowe zos-jobs list jobs`
- List all jobs owned by user IDs starting with 'ibmu' and job names starting with 'myjo':
 - `zowe zos-jobs list jobs -o "ibmu*" -p "myjo*"`
- List all jobs with default owner and prefix settings, displaying only the job ID of each job:
 - `zowe zos-jobs list jobs --rff jobid --rft table`

[zowe](#) › [zos-jobs](#) › [list](#) › [spool-files-by-jobid](#)

Given a z/OS job JOBID, list the spool files (DDs) for a z/OS job on the JES/spool queues. The command does not pre-validate the JOBID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

```
zowe zos-jobs list spool-files-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job with the spool files you want to list. No pre-validation of the JOBID is performed.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the spool files of the job with JOBID JOB00123:

- `zowe zos-jobs list spool-files-by-jobid job00123`

[zowe](#) › [zos-jobs](#) › submit

Submit jobs (JCL) contained in data sets.

[zowe](#) › [zos-jobs](#) › submit › data-set

Submit a job (JCL) contained in a data set. The data set may be of type physical sequential or a PDS member. The command does not pre-validate the data set name. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

```
zowe zos-jobs submit data-set <dataset> [options]
```

Positional Arguments

- `dataset` (*string*)
 - The z/OS data set containing the JCL to submit. You can specify a physical sequential data set (for example, "DATA.SET") or a partitioned data set qualified by a member (for example, "DATA.SET(MEMBER)").

Options

- `--volume | -vol (string)`
 - The volume serial (VOLSER) where the data set resides. The option is required only when the data set is not catalogued on the system.
- `--wait-for-output | -wfo (boolean)`
 - Wait for the job to enter OUTPUT status before completing the command.
- `--wait-for-active | -wfa (boolean)`
 - Wait for the job to enter ACTIVE status before completing the command.
- `--view-all-spool-content | -vasc (boolean)`
 - Print all spool output. If you use this option you will wait the job to complete.
- `--directory | -d (string)`
 - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.
- `--extension | -e (string)`
 - A file extension to save the job output with. Default is '.txt'.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | -pass | -pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | -ru (boolean)`

- Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the data set "ibmusercntl(deploy)":
 - `zowe zos-jobs submit data-set "ibmusercntl(deploy)"`
- Submit the JCL in the data set "ibmusercntl(deploy)", wait for the job to complete and print all output from the job:
 - `zowe zos-jobs submit data-set "ibmusercntl(deploy)" --vasc`

[zowe](#) > [zos-jobs](#) > [submit](#) > [local-file](#)

Submit a job (JCL) contained in a local file. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

```
zowe zos-jobs submit local-file <localFile> [options]
```

Positional Arguments

- `localFile` (*string*)

- The local file containing the JCL to submit.

Options

- `--view-all-spool-content` | `--vasc` (*boolean*)
 - Print all spool output. If you use this option you will wait the job to complete.
- `--wait-for-output` | `--wfo` (*boolean*)
 - Wait for the job to enter OUTPUT status before completing the command.
- `--wait-for-active` | `--wfa` (*boolean*)
 - Wait for the job to enter ACTIVE status before completing the command.
- `--directory` | `-d` (*string*)
 - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.
- `--extension` | `-e` (*string*)
 - A file extension to save the job output with. Default is '.txt'.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the file "iefbr14.txt":

- `zowe zos-jobs submit local-file "iefbr14.txt"`

[zowe](#) > [zos-jobs](#) > [submit](#) > [stdin](#)

Submit a job (JCL) passed to the command via the stdin stream. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

`zowe zos-jobs submit stdin [options]`

Options

- `--view-all-spool-content` | `--vasc` (*boolean*)
 - Print all spool output. If you use this option you will wait the job to complete.
- `--wait-for-output` | `--wfo` (*boolean*)

- Wait for the job to enter OUTPUT status before completing the command.
- `--wait-for-active` | `--wfa` (*boolean*)
 - Wait for the job to enter ACTIVE status before completing the command.
- `--directory` | `-d` (*string*)
 - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.
- `--extension` | `-e` (*string*)
 - A file extension to save the job output with. Default is '.txt'.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

[zowe](#) › [zos-jobs](#) › [view](#)

View details of z/OS jobs on spool/JES queues.

[zowe](#) › [zos-jobs](#) › [view](#) › [job-status-by-jobid](#)

View status details of a single z/OS job on spool/JES queues. The command does not validate the JOBID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints (expect for "no jobs found").

Usage

```
zowe zos-jobs view job-status-by-jobid <jobid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job you want to view. No validation of the JOBID is performed.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff (array)`
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
 - `--response-format-type | --rft (string)`
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.
- Allowed values: table, list, object, string
- `--response-format-header | --rfh (boolean)`
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- View status and other details of the job with the job ID JOB00123:
 - `zowe zos-jobs view job-status-by-jobid j123`
- Print only the status (for example, "OUTPUT" or "ACTIVE") of the job with the job ID JOB00123:
 - `zowe zos-jobs view job-status-by-jobid j123 --rff status --rft string`

[zowe](#) › [zos-jobs](#) › [view](#) › [spool-file-by-id](#)

View the contents of a spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

```
zowe zos-jobs view spool-file-by-id <jobid> <spoolfileid> [options]
```

Positional Arguments

- `jobid` (*string*)
 - The z/OS JOBID of the job containing the spool file you want to view. No pre-validation of the JOBID is performed.
- `spoolfileid` (*number*)
 - The spool file ID number for the spool file to view. Use the "zowe zos-jobs list spool-files-by-jobid" command to obtain spool ID numbers. No pre-validation of the ID is performed.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- View the spool file with ID 4 for the job with job ID JOB00123:
 - `zowe zos-jobs view spool-file-by-id JOB00123 4`

[zowe](#) › [zos-tso](#)

Issue TSO commands and interact with TSO address spaces

[zowe](#) › [zos-tso](#) › [issue](#)

Issue TSO commands

[zowe](#) › [zos-tso](#) › [issue](#) › [command](#)

Creates a TSO address space, issues a TSO command through the newly created address space, waits for the READY prompt to print the response, and terminates the TSO address space. All response data are returned to the user up to (but not including) the TSO 'READY' prompt.

Usage

```
zowe zos-tso issue command <commandText> [options]
```

Positional Arguments

- `commandText` (*string*)
 - The TSO command to issue.

Options

- `--suppress-startup-messages` | `--ssm` (*boolean*)
 - Suppress console messages from start of address space.

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` (*string*)
 - Your z/OS TSO/E accounting information.
- `--character-set` | `--cs` (*string*)
 - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.
Default value: 697

- `--code-page` | `--cp` (*string*)
 - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.

Default value: 1047
- `--columns` | `--cols` (*number*)
 - The number of columns on a screen.

Default value: 80
- `--logon-procedure` | `-l` (*string*)
 - The logon procedure to use when creating TSO procedures on your behalf.

Default value: IZUFPROC
- `--region-size` | `--rs` (*number*)
 - Region size for the TSO/E address space.

Default value: 4096
- `--rows` (*number*)
 - The number of rows on a screen.

Default value: 24

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--tso-profile` | `--tso-p` (*string*)
 - The name of a (tso) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue the TSO command "status" to display information about jobs for your user ID.:

- `zowe zos-tso issue command "status"`

[zowe](#) › [zos-tso](#) › [ping](#)

Ping a TSO address space, from which you previously started and received a token (a.k.a 'servelet-key').

[zowe](#) › [zos-tso](#) › [ping](#) › [address-space](#)

Ping a TSO address space, from which you previously started and received a token (a.k.a 'servlet-key').

Usage

```
zowe zos-tso ping address-space <servletKey> [options]
```

Positional Arguments

- `servletKey` (*string*)
 - The servlet key from a previously started TSO address space.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Ping the TSO address space identified by IBMUSER-329-aafkaaoc:
 - `zowe zos-tso ping address-space IBMUSER-329-aafkaaoc`

[zowe](#) > [zos-tso](#) > [send](#)

Send data to TSO and collect responses until the prompt is reached

[zowe](#) > [zos-tso](#) > [send](#) > [address-space](#)

Send data to the TSO address space, from which you previously started and received a token (a.k.a 'servlet-key').

Usage

```
zowe zos-tso send address-space <servletKey> [options]
```

Positional Arguments

- `servletKey` (*string*)
 - The servlet key from a previously started TSO address space.

Required Options

- `--data` (*string*)
 - The data to which we want to send to the TSO address space represented by the servlet key.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- "Send the TIME TSO command to the TSO address space identified by IBMUSER-329-aafkaaoc":
 - `zowe zos-tso send address-space IBMUSER-329-aafkaaoc --data "TIME"`

[zowe](#) > [zos-tso](#) > [start](#)

Start TSO/E address space

[zowe](#) > [zos-tso](#) > [start](#) > [address-space](#)

Start a TSO address space, from which you will receive a token (a.k.a 'servlet-key') for further address space interaction (e.g. termination).

Usage

```
zowe zos-tso start address-space [options]
```

TSO ADDRESS SPACE OPTIONS

- `--account | -a (string)`
 - Your z/OS TSO/E accounting information.
- `--character-set | --cs (string)`
 - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.
Default value: 697
- `--code-page | --cp (string)`
 - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.
Default value: 1047
- `--columns | --cols (number)`
 - The number of columns on a screen.
Default value: 80
- `--logon-procedure | -l (string)`
 - The logon procedure to use when creating TSO procedures on your behalf.
Default value: IZUFPROC
- `--region-size | --rs (number)`

- Region size for the TSO/E address space.

Default value: 4096

- `--rows` (*number*)

- The number of rows on a screen.

Default value: 24

Options

- `--servlet-key-only` | `--sko` (*boolean*)

- Specify this option to print only the servlet key

Zosmf Connection Options

- `--host` | `-H` (*string*)

- The z/OSMF server host name.

- `--port` | `-P` (*number*)

- The z/OSMF server port.

Default value: 443

- `--user` | `-u` (*string*)

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` (*boolean*)

- Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--tso-profile` | `--tso-p` (*string*)
 - The name of a (tso) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Start TSO/E address space:
 - `zowe zos-tso start address-space`
- Start TSO/E address space, and receive response in JSON format:
 - `zowe zos-tso start address-space --rfj`
- Start TSO/E address space, and print only the servlet key:
 - `zowe zos-tso start address-space --sko`

[zowe](#) > [zos-tso](#) > [stop](#)

Stop TSO/E address space

[zowe](#) > [zos-tso](#) > [stop](#) > [address-space](#)

Stop a TSO address space, from which you previously started and received a token (a.k.a 'servletkey').

Usage

```
zowe zos-tso stop address-space <servletkey> [options]
```

Positional Arguments

- `servletkey` (*string*)
 - The servlet key from a previously started TSO address space.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Stop the TSO address space identified by IBMUSER-329-aafkaaoc:
 - `zowe zos-tso stop address-space IBMUSER-329-aafkaaoc`

[zowe](#) › [zos-uss](#)

Issue z/OS USS commands remotely using an SSH session. Output from the commands is displayed on the local terminal.

[zowe](#) › [zos-uss](#) › [issue](#)

Issue a z/OS USS command

[zowe](#) › [zos-uss](#) › [issue](#) › [ssh](#)

Issue a z/OS USS command

Usage

```
zowe zos-uss issue ssh <command> [options]
```

Positional Arguments

- `command` (*string*)
 - z/OS USS command to issue

Options

- `-- cwd` (*string*)
 - Working directory in which to execute the command

z/OS Ssh Connection Options

- `-- host` | `-H` (*string*)
 - The z/OS SSH server host name.
 - `-- port` | `-P` (*number*)
 - The z/OS SSH server port.
- Default value: 22
- `-- user` | `-u` (*string*)
 - Mainframe user name, which can be the same as your TSO login.

- `--password | --pass | --pw` (*string*)
 - Mainframe password, which can be the same as your TSO password.
- `--privateKey | --key | --pk` (*string*)
 - Path to a file containing your private key, that must match a public key stored in the server for authentication
- `--keyPassphrase | --passphrase | --kp` (*string*)
 - Private key passphrase, which unlocks the private key.
- `--handshakeTimeout | --timeout | --to` (*number*)
 - How long in milliseconds to wait for the SSH handshake to complete.

Profile Options

- `--ssh-profile | --ssh-p` (*string*)
 - The name of a (ssh) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized | --ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Issue a simple command, giving the working directory:

- o zowe zos-uss issue ssh "npm install express" -- cwd /u/cicprov/mnt/CICPY01I/bundles/myapp

[zowe](#) › [zos-workflows](#)

Create and manage z/OSMF workflows on a z/OS system

[zowe](#) › [zos-workflows](#) › [archive](#)

Archive workflow instance in z/OSMF

[zowe](#) › [zos-workflows](#) › [archive](#) › [active-workflow](#)

Archive an active workflow instance in z/OSMF.

Usage

```
zowe zos-workflows archive active-workflow [options]
```

Options

- `--workflow-name` | `--wn` (*string*)
 - The name of the workflow to be archived.
- `--workflow-key` | `--wk` (*string*)
 - The workflow key of the workflow to be archived.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)

- Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string
- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Archive a workflow with workflow name "testworkflow":
 - `zowe zos-workflows archive active-workflow --wn "testworkflow"`
- Archive multiple workflows with workflow names starting with "test":
 - `zowe zos-workflows archive active-workflow --wn "test.*"`
- Archive a workflow with workflow key "123-456-abv-xyz":
 - `zowe zos-workflows archive active-workflow --wk "123-456-abv-xyz"`

[zowe](#) › [zos-workflows](#) › [create](#)

Create a z/OSMF workflow on a z/OS system.

[zowe](#) > [zos-workflows](#) > [create](#) > [workflow-from-data-set](#)

Create a z/OSMF workflow on a z/OS system using a Data set

Usage

```
zowe zos-workflows create workflow-from-data-set <workflowName> [options]
```

Positional Arguments

- `workflowName` (*string*)
 - Name of the workflow

Required Options

- `--data-set` | `--ds` (*string*)
 - Data set that contains a workflow definition.
- `--system-name` | `--sn` (*string*)
 - z/OS system to execute the workflow.
- `--owner` | `--ow` (*string*)
 - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` (*string*)
 - Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.
- `--variables` | `--vs` (*string*)
 - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make sure the value meets all regular expression requirements set for the corresponding variable.
- `--assign-to-owner` | `--ato` (*boolean*)
 - Indicates whether the workflow steps are assigned to the workflow owner.

- `--access-type` | `--at` (*string*)
 - Specifies the access type for the workflow. Public, Restricted or Private.
Allowed values: Public, Restricted, Private
 - `--delete-completed` | `--dc` (*boolean*)
 - Whether the successfully completed jobs to be deleted from the JES spool.
 - `--overwrite` | `--ov` (*boolean*)
 - Replaces an existing workflow with a new workflow.
- ## Zosmf Connection Options
- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
 - `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
 - `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
 - `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
 - `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
 - `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
 - `--protocol` (*string*)

- The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter | --rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type | --rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header | --rfh (boolean)`

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using the data set "TESTID.WKFLOW" that contains the workflow definition xml on the system "TESTM1" with owner "OTHERID" and delete workflow with the same name if it already exist in z/OSMF:
 - `zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "OTHERID" --overwrite`
- Create a workflow with name "testworkflow" using data set "TESTID.WKFLOW" containing workflow definition xml, on system "TESTM1" with owner "MYSYSID" and delete successfully completed jobs:
 - `zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --delete-completed`
- Create a workflow with name "testworkflow" using data set "TESTID.WKFLOW" containing workflow definition xml, on system "TESTM1" with owner "MYSYSID" and with variable values in the member PROPERTIES of data set TESTID.DATA:
 - `zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --variables-input-file TESTID.DATA(PROPERTIES)`
- Create a workflow with name "testworkflow" using the data set "TESTID.WKFLOW" that contains a workflow definition xml, on a system "TESTM1" with owner "MYSYSID" and with the variable name DUMMYVAR and the value DUMMYVAL. Assign it to the owner:
 - `zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --variables DUMMYVAR=DUMMYVAL --assign-to-owner`

Create a z/OSMF workflow on a z/OS system using a Local file

Usage

```
zowe zos-workflows create workflow-from-local-file <workflowName> [options]
```

Positional Arguments

- `workflowName` (*string*)
 - Name of the workflow

Required Options

- `--local-file` | `--lf` (*string*)
 - Local file that contains workflow definiton.
- `--system-name` | `--sn` (*string*)
 - z/OS system to execute the workflow.
- `--owner` | `--ow` (*string*)
 - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` (*string*)
 - Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.
- `--variables` | `--vs` (*string*)
 - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make sure the value meets all regular expression requirements set for the corresponding variable.
- `--assign-to-owner` | `--ato` (*boolean*)
 - Indicates whether the workflow steps are assigned to the workflow owner.
- `--access-type` | `--at` (*string*)

- Specifies the access type for the workflow. Public, Restricted or Private.
Allowed values: Public, Restricted, Private
- `--delete-completed | --dc (boolean)`
 - Whether the successfully completed jobs to be deleted from the JES spool.
- `--overwrite | --ov (boolean)`
 - Replaces an existing workflow with a new workflow.
- `--remote-directory | --rd (string)`
 - The remote uss directory where the files are to be uploaded. The directory has to exist
- `--keep-files | --kf (boolean)`
 - Avoid deletion the uploaded files in /tmp or another specified directory after successful execution.

Default value: false

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using the local file "TESTID_WKFLOW.xml" that contains the workflow definition xml on the system "TESTM1" with owner "OTHERID" and delete workflow with the same name if it already exist in z/OSMF:
 - `zowe zos-workflows create workflow-from-local-file "testworkflow" --local-file "TESTID_WKFLOW.xml" --system-name "TESTM1" --owner "OTHERID" --overwrite`

[zowe](#) > [zos-workflows](#) > [create](#) > [workflow-from-uss-file](#)

Create a workflow instance in z/OSMF using a USS file

Usage

```
zowe zos-workflows create workflow-from-uss-file <workflowName> [options]
```

Positional Arguments

- `workflowName` (*string*)
 - Name of the workflow instance to create

Required Options

- `--uss-file` | `--uf` (*string*)

- USS file that contains workflow definition.
- `--system-name` | `--sn` (*string*)
 - z/OS system to execute the workflow.
- `--owner` | `--ow` (*string*)
 - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` (*string*)
 - Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.
- `--variables` | `--vs` (*string*)
 - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make sure the value meets all regular expression requirements set for the corresponding variable.
- `--assign-to-owner` | `--ato` (*boolean*)
 - Indicates whether the workflow steps are assigned to the workflow owner.
- `--access-type` | `--at` (*string*)
 - Specifies the access type for the workflow. Public, Restricted or Private.

Allowed values: Public, Restricted, Private
- `--delete-completed` | `--dc` (*boolean*)
 - Whether the successfully completed jobs to be deleted from the JES spool.
- `--overwrite` | `--ov` (*boolean*)
 - Replaces an existing workflow with a new workflow.

Zosmf Connection Options

- `--host` | `-H` (*string*)

- The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "OTHERID" and delete workflow with the same name if it already exist in z/OSMF:

- `zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file "/path/workflow.xml" --system-name "TESTM1" --owner "OTHERID" --overwrite`
- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and delete successfully completed jobs:
 - `zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file "/path/workflow.xml" --system-name "TESTM1" --owner "MYSYSID" --delete-completed`
- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and with variable values in the member PROPERTIES of data set TESTID.DATA:
 - `zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file "/path/workflow.xml" --system-name "TESTM1" --owner "MYSYSID" --variables-input-file TESTID.DATA(PROPERTIES)`
- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and with variables VAR1 and VAR2 with values DUMMYVAL1 and DUMMYVAL2, and assign it to the owner:
 - `zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file "/path/workflow.xml" --system-name "TESTM1" --variables VAR1=DUMMYVAL1,VAR2=DUMMYVAL2 --owner "MYSYSID" --assign-to-owner`

[zowe](#) > [zos-workflows](#) > [delete](#)

Delete an active workflow or an archived workflow from z/OSMF.

[zowe](#) > [zos-workflows](#) > [delete](#) > [active-workflow](#)

Delete an active workflow instance in z/OSMF

Usage

```
zowe zos-workflows delete active-workflow [options]
```

Options

- `--workflow-key | --wk (string)`
 - Delete active workflow by specified workflow key

- `--workflow-name` | `--wn` (*string*)
 - Delete active workflow by specified workflow name

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)

- The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- To delete a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":
 - `zowe zos-workflows delete active-workflow --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`
- To delete a workflow instance in z/OSMF with workflow name "testWorkflow":
 - `zowe zos-workflows delete active-workflow --workflow-name "testWorkflow"`
- To delete multiple workflow instances in z/OSMF with names starting with "test":
 - `zowe zos-workflows delete active-workflow --workflow-name "test.*"`

[zowe](#) > [zos-workflows](#) > [delete](#) > [archived-workflow](#)

Delete an archived workflow from z/OSMF

Usage

`zowe zos-workflows delete archived-workflow [options]`

Options

- `--workflow-key` | `--wk` (*string*)
 - Delete an archived workflow by specified workflow key

- `--workflow-name` | `--wn` (*string*)
 - Delete an archived workflow by specified workflow name

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)

- The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- To delete an archived workflow from z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":
 - `zowe zos-workflows delete archived-workflow --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`
- To delete an archived workflow from z/OSMF with workflow name "testWorkflow":
 - `zowe zos-workflows delete archived-workflow --workflow-name "testWorkflow"`
- To delete multiple archived workflows from z/OSMF with names beginnig with "test":
 - `zowe zos-workflows delete archived-workflow --workflow-name "test.*"`

[zowe](#) › [zos-workflows](#) › [list](#)

List the z/OSMF workflows for a system or a sysplex with filter options.

[zowe](#) › [zos-workflows](#) › [list](#) › [active-workflow-details](#)

Get the details of an active z/OSMF workflow

Usage

```
zowe zos-workflows list active-workflow-details [options]
```

Options

- `--workflow-name | -wn (string)`
 - List active workflow details by specified workflow name.
- `--workflow-key | -wk (string)`
 - List active workflow details by specified workflow key.
- `--list-steps | -ls (boolean)`
 - Optional parameter for listing steps and their properties.
- `--steps-summary-only | -sso (boolean)`
 - Optional parameter that lists steps summary only.
- `--list-variables | -lv (boolean)`
 - Optional parameter for listing variables and their properties.
- `--skip-workflow-summary | -sws (boolean)`
 - Optional parameter that skips the default workflow summary.

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | -pass | -pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | -ru (boolean)`

- Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type | --tt (string)`
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value | --tv (string)`
 - The value of the token to pass to the API.

Examples

- To list the details of an active workflow with key "7c62c790-0340-86b2-61ce618d8f8c" including its steps and variables:

```
○ zowe zos-workflows list active-workflow-details --workflow-key "7c62c790-0340-86b2-61ce618d8f8c" --list-steps --list-variables
```

- To list the details of an active workflow with name "testWorkflow" including its steps and variables:
 - `zowe zos-workflows list active-workflow-details --workflow-name "testWorkflow" --list-steps --list-variables`

[zowe](#) > [zos-workflows](#) > [list](#) > [active-workflows](#)

List active workflow instance(s) in z/OSMF. Multiple filters can be used together. Omitting all options will list all workflows on the sysplex

Usage

```
zowe zos-workflows list active-workflows [options]
```

Options

- `--workflow-name` | `--wn` (*string*)
 - Filter by workflow name. For wildcard use `*`.
- `--category` | `--cat` (*string*)
 - Filter by the category of the workflows, which is either general or configuration.
- `--system` | `--sys` (*string*)
 - Filter by the nickname of the system on which the workflows is/are active.
- `--owner` | `--ow` (*string*)
 - Filter by owner of the workflow(s) (a valid z/OS user ID).
- `--vendor` | `--vd` (*string*)
 - Filter by the name of the vendor that provided the workflow(s) definition file.
- `--status-name` | `--sn` (*string*)
 - Filter by the status of the workflow(s).
Allowed values: in-progress, complete, automation-in-progress, canceled

Zosmf Connection Options

- `--host` | `-H` (*string*)

- The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:
 - table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.
 - list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.
 - object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.
 - string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (*boolean*)
 - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the workflow with name "testworkflow":

- `zowe zos-workflows list active-workflows --wn "testworkflow"`

- List multiple active workflows on the entire sysplex with names containing "workflow":
 - `zowe zos-workflows list active-workflows --wn ".*workflow.*"`
- List multiple active workflows on system "IBMSYS" with names beginnig with "testW" that are in status "complete":
 - `zowe zos-workflows list active-workflows --wn "test.*" --sys "IBMSYS" --sn "complete"`

[zowe](#) › [zos-workflows](#) › [list](#) › [archived-workflows](#)

List the archived z/OSMF workflows for a system or sysplex.

Usage

`zowe zos-workflows list archived-workflows [options]`

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` (*array*)
 - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.
- `--response-format-type` | `--rft` (*string*)
 - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` (boolean)
 - If "--response-format-type table" is specified, include the column headers in the output.

[zowe](#) › [zos-workflows](#) › [list](#) › [definition-file-details](#)

Retrieve the contents of a z/OSMF workflow definition from a z/OS system.

Usage

```
zowe zos-workflows list definition-file-details <definitionFilePath> [options]
```

Positional Arguments

- `definitionFilePath` (string)
 - Specifies the location of the workflow definition file, which is either a UNIX path name or a fully qualified z/OS data set name.

Options

- `--list-steps` | `--ls` (boolean)
 - Optional parameter for listing steps and their properties.
- `--list-variables` | `--lv` (boolean)
 - Optional parameter for listing variables and their properties.

Zosmf Connection Options

- `--host` | `-H` (string)

- The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)
Default value: https
Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile | --base-p (string)`
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- To list the contents of a workflow definition stored in the UNIX file "/user/dir/workflow.xml" including its steps and variables:
 - `zowe zos-workflows list definition-file-details "/user/dir/workflow.xml" --list-steps --list-variables`
- To list the contents of a workflow definition stored in the z/OS data set "USER.DATA.SET.XML" including its steps and variables:
 - `zowe zos-workflows list definition-file-details --workflow-name "testWorkflow" --list-steps --list-variables`

[zowe](#) › [zos-workflows](#) › start

Start a z/OSMF workflow on a z/OS system.

[zowe](#) › [zos-workflows](#) › start › workflow-full

Will run workflow from the beginning to the end or to the first manual step.

Usage

`zowe zos-workflows start workflow-full [options]`

Options

- `--workflow-key` | `--wk` (*string*)
 - Workflow key of workflow instance to be started
- `--workflow-name` | `--wn` (*string*)
 - Workflow name of workflow instance to be started

- `--resolve-conflict-by` | `--rcb` (*string*)
 - How variable conflicts should be handled. Options: `outputFileValue`: Allow the output file values to override the existing values. `existingValue`: Use the existing variables values instead of the output file values. `leaveConflict`: Automation is stopped. The user must resolve the conflict manually.

Default value: `outputFileValue`

Allowed values: `outputFileValue`, `existingValue`, `leaveConflict`
- `--wait` | `-w` (*boolean*)
 - Identifies whether to wait for workflow instance to finish.

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.

Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.

Default value: true
- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":
 - `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`
- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" and wait for it to be finished:
 - `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --wait`
- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" and if there is a conflict in variable's value use the value that is in output file:

- `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --resolve-conflict-by "outputFileValue"`
- To start a workflow instance in z/OSMF with workflow name "testWorkflow":
 - `zowe zos-workflows start workflow-full --workflow-name "testWorkflow"`

[zowe](#) > [zos-workflows](#) > [start](#) > [workflow-step](#)

Will run given step of workflow instance plus following steps if specified by --perform-following-steps option.

Usage

```
zowe zos-workflows start workflow-step <stepName> [options]
```

Positional Arguments

- `<stepName>` (*string*)
 - Specifies the step name that will be run.

Options

- `--workflow-key | - -wk` (*string*)
 - Workflow key of workflow instance to be started
- `--workflow-name | - -wn` (*string*)
 - Workflow name of workflow instance to be started
- `--resolve-conflict-by | --rcb` (*string*)
 - How variable conflicts should be handled. Options: outputFileValue: Allow the output file values to override the existing values. existingValue: Use the existing variables values instead of the output file values. leaveConflict: Automation is stopped. The user must resolve the conflict manually.

Default value: outputFileValue

Allowed values: outputFileValue, existingValue, leaveConflict

- `--perform-following-steps | - -pfs` (*boolean*)
 - Identifies whether to perform also following steps in the workflow instance.

Default value: false

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.

- `--port | -P (number)`
 - The z/OSMF server port.

Default value: 443

- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.

Default value: true

- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol (string)`
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile | --zosmf-p (string)`
 - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- To start step "Step1" only in a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":
 - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`
- To start a workflow instance in z/OSMF from step "Step1" with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":
 - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --perform-following-steps`
- To start step "Step1" only in a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" and if there is a conflict in variable's value use the value that is in output file:
 - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --resolve-conflict-by "outputFileValue"`
- To start step "Step1" only in a workflow instance in z/OSMF with workflow name "testWorkflow":
 - `zowe zos-workflows start workflow-step "Step1" --workflow-name "testWorkflow"`

[zowe](#) > [zosmf](#)

Retrieve and show the properties of a z/OSMF web server

[zowe](#) > [zosmf](#) > [check](#)

Confirm that z/OSMF is running on a specified system and gather information about the z/OSMF server for diagnostic purposes.

[zowe](#) > [zosmf](#) > [check](#) > [status](#)

Confirm that z/OSMF is running on a system specified in your profile and gather information about the z/OSMF server for diagnostic purposes. The command outputs properties of the z/OSMF server such as version, hostname, and installed plug-ins.

Usage

```
zowe zosmf check status [options]
```

Zosmf Connection Options

- `--host` | `-H` (*string*)
 - The z/OSMF server host name.
- `--port` | `-P` (*number*)
 - The z/OSMF server port.
Default value: 443
- `--user` | `-u` (*string*)
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password` | `--pass` | `--pw` (*string*)
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized` | `--ru` (*boolean*)
 - Reject self-signed certificates.
Default value: true

- `--base-path` | `--bp` (*string*)
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.
- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)

Default value: https

Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Report the status of the z/OSMF server that you specified in your default z/OSMF profile:
 - `zowe zosmf check status`
- Report the status of the z/OSMF server that you specified in a supplied z/OSMF profile:
 - `zowe zosmf check status --zosmf-profile SomeZosmfProfileName`
- Report the status of the z/OSMF server that you specified manually via command line:

- `zowe zosmf check status --host myhost --port 443 --user myuser --password mypass`

[zowe](#) > [zosmf](#) > [list](#)

Obtain a list of systems that are defined to a z/OSMF instance.

[zowe](#) > [zosmf](#) > [list](#) > [systems](#)

Obtain a list of systems that are defined to a z/OSMF instance.

Usage

`zowe zosmf list systems [options]`

Zosmf Connection Options

- `--host | -H (string)`
 - The z/OSMF server host name.
- `--port | -P (number)`
 - The z/OSMF server port.
Default value: 443
- `--user | -u (string)`
 - Mainframe (z/OSMF) user name, which can be the same as your TSO login.
- `--password | --pass | --pw (string)`
 - Mainframe (z/OSMF) password, which can be the same as your TSO password.
- `--reject-unauthorized | --ru (boolean)`
 - Reject self-signed certificates.
Default value: true
- `--base-path | --bp (string)`
 - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` (*string*)
 - The protocol used (HTTP or HTTPS)
 - Default value: https
 - Allowed values: http, https

Profile Options

- `--zosmf-profile` | `--zosmf-p` (*string*)
 - The name of a (zosmf) profile to load for this command execution.
- `--base-profile` | `--base-p` (*string*)
 - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` (*string*)
 - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` (*string*)
 - The value of the token to pass to the API.

Examples

- Obtain a list of systems defined to a z/OSMF instance with your default z/OSMF profile:
 - `zowe zosmf list systems`
- Obtain a list of systems defined to a z/OSMF instance for the specified z/OSMF profile:
 - `zowe zosmf list systems --zosmf-profile SomeZosmfProfileName`
- Obtain a list of the systems defined to a z/OSMF instance that you specified in the command line:
 - `zowe zosmf list systems --host myhost --port 443 --user myuser --password mypass`