

Design for Data Set Scenario

Sep 19, 2022

Welcome to Zowe Chat

To be discussed:

- What cmd to be used?
- What options are available?

The screenshot shows a web-based chat interface for IBM Z. The left sidebar contains navigation links: All unread, Threads, All DMs, Mentions & reactions, Saved items, More, Demo, and a list of channels including #list-job, #find-a-specific-job, #job-status, #errorcode, #exec-data, #filter-future, #share-info, #mobile, #future, and #feedback. The main chat area shows a message from 'Zowe Chat' (APP) at 3:20 PM. The message introduces the chatbot, states it is in Technical Preview, and lists its capabilities: listing jobs, datasets, and USS files, and showing job status details. It also lists several commands with their functions: 'zowe zos-jobs list jobs | js' for listing jobs, 'zowe zos-jobs view job-status-by-jobid | jsbj' for viewing job status, 'zowe zos-files list all-members | am' for listing members, 'zowe zos-files list data-set | ds' for listing data sets, and 'zowe zos-files list uss-files | uf | uss' for listing USS files. A dropdown menu is visible below the commands, and a text input field at the bottom shows the text 'Message ask-zowe-chat'.

IBM Z

All unread

Threads

All DMs

Mentions & reactions

Saved items

More

Demo

list-job

find-a-specific-job

job-status

errorcode

exec-data

filter-future

share-info

mobile

future

feedback

ask-zowe-chat

+ Add a bookmark

Zowe Chat APP 3:20 PM

Hi, I am Zowe Chat, a chatbot that helps you interact with z/OS through chat tools. I'm still in Technical Preview. Now I can help you list **jobs, datasets, and USS files**. I can also show you job status details. I can now understand the following commands:

Commands

- [zowe zos-jobs list jobs | js](#) : List z/OS jobs on JES spool/queues
- [zowe zos-jobs view job-status-by-jobid | jsbj](#) : View status details of a z/OS job
- [zowe zos-files list all-members | am](#) : List all members of a pds
- [zowe zos-files list data-set | ds](#) : List data sets
- [zowe zos-files list uss-files | uf | uss](#) : List USS files

Select to view command details

You can call out this help guide by using: [@Zowe Chat, --help](#)

I am still learning and want to hear your voice.

👉 [Click here](#) to tell me what you need in future Zowe Chat. Your feedback would be valued and appreciated.

Message ask-zowe-chat

Phoebe Cai

View status of a specific job

`zowe zos-jobs list jobs -p "zwe*"`

- Job list:
 - Owner
 - Status
 - Return Code
 - Job Started Time

Question:

- Is “Type” & “Subsystem” important in the job list?

The screenshot shows a chat window titled "ask-zowe-chat" with a sidebar on the left. The sidebar contains a navigation menu with options: "All unreads", "Threads", "All DMs", "Mentions & reactions", "Saved items", "More", "Demo", and a list of channels: "# list-job", "# find-a-specific-job", "# job-status", "# share-info", "# mobile", and "# future". The main chat area displays a command: `zowe zos-jobs list jobs -p "zwe*"`. Below the command, there is a message from "Phoebe Cai" at 3:20 PM, which is a reply to a message from "Zowe Chat" (APP) at 3:20 PM. The "Zowe Chat" message states: "@Phoebe Cai, I have found **2 jobs** that match the filter:". Below this, two job entries are listed, each with a red status icon and the text "Abended". The first job is "ZWE1SMPE (ID: MYJOB484)" with Owner: PHCAI, Return Code: S222, and Job Started: 2022-05-12T14:44:16.26Z. The second job is "ZWE1SMPE (ID: MYJO1120)" with Owner: PHCAI, Status: Output - Abended, and Job Started: 2022-05-12T14:44:16.26Z. A third job entry is partially visible: "ZWE1SMPE (ID: JOB07484)" and "ZWEBABC (ID: MYJO0012)". A dropdown menu is open below the second job entry, showing "Select a Job to View More Details". The chat interface includes a search bar at the top, a "Add a bookmark" button, and a "Select to view command details" dropdown. The bottom of the chat window shows a text input field with the placeholder "Message @ ask-zowe-chat" and a rich text editor toolbar with icons for bold, italic, link, list, and code.

IBM Z

All unreads

Threads

All DMs

Mentions & reactions

Saved items

More

Demo

list-job

find-a-specific-job

job-status

share-info

mobile

future

ask-zowe-chat

+ Add a bookmark

commands:

Commands

- `zowe zos-jobs list jobs | js` : List z/OS jobs on JES spool/queues
- `zowe zos-jobs view job-status-by-jobid | jsbj` : View status details of a z/OS job
- `zowe zos-files list all-members | am` : List all members of a pds
- `zowe zos-files list data-set | ds` : List data sets
- `zowe zos-files list uss-files | uf | uss` : List USS files

Select to view command details

You can call out this help guide by using: `@Zowe Chat, --help`

I am still learning and want to hear your voice.

Click here to tell me what you need in future Zowe Chat. Your feedback would be valued and appreciated.

Phoebe Cai 3:20 PM

@Zowe Chat `zowe zos-jobs list jobs -p "zwe*"`

Zowe Chat APP 3:20 PM

@Phoebe Cai, I have found **2 jobs** that match the filter:

ZWE1SMPE (ID: MYJOB484)

Owner: PHCAI Status: Output - Abended

Return Code: S222 Job Started: 2022-05-12T14:44:16.26Z

ZWE1SMPE (ID: MYJO1120)

Owner: PHCAI Status: Output - Abended

Job Started: 2022-05-12T14:44:16.26Z

ZWE1SMPE (ID: JOB07484)

ZWEBABC (ID: MYJO0012)

Select a Job to View More Details

B I S Link List Bulleted List Code Copy

Message @ ask-zowe-chat

+ Attachments Emojis Mentions Text Format Send

Phoebe Cai

View details of a specific job

`zowe zos-jobs list jobs -p "zwe*"`

- Owner
- Status
- Return Code: link to doc site
- Type
- Phase Name
- Class
- Execution System
- Execution Member
- Job Started
- Job Ended (hidden in “Show more”)
- Job Submitted (hidden in “Show more”)

To be discussed:

- “Select an Action” will be pending based on dev workload.

The screenshot displays the IBM Z console interface, specifically a chat window titled "ask-zowe-chat". The left sidebar shows navigation options: "All unreads", "Threads", "All DMs", "Mentions & reactions", "Saved items", "More", "Demo", and a list of channels including "# list-job", "# find-a-specific-job", "# job-status", "# share-info", "# mobile", and "# future". The main chat area shows a conversation between "Phoebe Cai" and "Zowe Chat".

Phoebe Cai 3:20 PM
@Zowe Chat zowe zos-jobs list jobs -p "zwe*"

Zowe Chat APP 3:20 PM
@Phoebe Cai, I have found **2 jobs** that match the filter:

ZWE1SMPE (ID: MYJOB484)
Owner: PHCAI Status: Output - Abended
Return Code: [S222](#) Job Started: 2022-05-12T14:44:16.26Z

ZWE1SMPE (ID: MYJO1120)
Owner: PHCAI Status: Output - Abended
Return Code: [S222](#) Job Started: 2022-05-12T14:44:16.26Z

Select a Job to View More Details

Zowe Chat APP 3:20 PM
@Phoebe Cai, here is the basic info of ZWE1SMPE:

ZWE1SMPE (ID: JOB07484)
Owner: IBMU1 Status: Output - Abended
Return Code: [S222](#) Type: STC
Phase Name: AWAITING OUTPUT Class: STC
Execution System: MV2D Execution Member: MV2D
Job Started: 2022-05-12T14:44:16.26Z
[Show more](#)

Select an Action View Error Code

Resubmit
Stop
Download
View Job Log in JES Explorer

View details of a specific job

zowe zos-jobs list jobs -p "zwe*"

- View Error Code
 - Error code (link to Doc)
 - Brief definition of error code: link to doc site
 - Informed time

The image shows a split-screen view. On the left is the IBM Z console interface, and on the right is the ask-zowe-chat chat application.

IBM Z Console:

- Header: IBM Z
- Left sidebar menu:
 - All unread
 - Threads
 - All DMs
 - Mentions & reactions
 - Saved items
 - More
 - Demo
 - # list-job
 - # find-a-specific-job
 - # job-status
 - # share-info
 - # mobile
 - # future

ask-zowe-chat Chat Interface:

- Header: ask-zowe-chat
- Buttons: + Add a bookmark
- Message 1:
 - From: ZWE1SMPE (ID: MYJO1120)
 - Owner: PHCAI
 - Status: Output - Abended
 - Return Code: S222
 - Job Started: 2022-05-12T14:44:16.26Z
 - Dropdown: Select a Job to View More Details
- Message 2 (from Zowe Chat APP, 3:20 PM):
 - @Phoebe Cai, here is the basic info of ZWE1SMPE:
 - From: ZWE1SMPE (ID: JOB07484)
 - Owner: IBMU1
 - Status: Output - Abended
 - Return Code: S222
 - Type: STC
 - Phase Name: AWAITING OUTPUT
 - Class: STC
 - Execution Syetem: MV2D
 - Execution Member: MV2D
 - Job Started: 2022-05-12T14:44:16.26Z
 - Buttons: Show more, Select an Action, View Error Code
- Message 3 (from Zowe Chat APP, 3:20 PM):
 - @Tessie Wang, here is the Error Code of this job:
 - From: ZWE1SMPE (ID: JOB07484)
 - Warning: IEF882E: Waiting for a reply to IEF283D.
 - Informed at 22:08:42.05
 - Warning: CSVH0957E: Problem(s) were found with data sets in the APF list.
 - Informed at 22:08:42.05
- Footer: Phoebe Cai