

Create Contol-M jobs using command lines



[Prod_action_CTM](#) 32 posts since Nov 26, 2012

Create Contol-M jobs using command lines Nov 26, 2012 1:30 AM

Hi All,

I'm beginner in Control-M, I have to create 2000 jobs for my client, i think if i use jobs duplication option it will take a long time to adjust every job following duplication (change job name, script name+ path, job type...)

I come to you because i do not know if there is command line control-M to execute on the server with all needed inputs (job name, script name, application name, group name, smart table, job type...) in parameter

In advance thank you for your help.

Regards,

Tags: [create](#), [using](#), [jobs](#), [command-line](#), [contro_m](#)



[Dimitris Karistinos](#) 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Nov 26, 2012 7:14 AM

Hello Prod_action,

There is a command that you can use and it is called ctmcreate.

While on the system where Control-M server resides, type ctmcreate -? and you will get full details about the command syntax. Additionally you can read the Control-M utilities guide where you can find details for ctmcreate and for all the other command line options that you do have available.

If you are good with scripting, then you can create some kind of program that can use the ctmcreate and produce the jobs you want.

Just for reference, see below the syntax of ctmcreate

```
ctmcreate -x
```

```
Invalid parameter: X
```

```
usage: ctmcreate
```

```
-TASKTYPE      <JOB|EXTERNAL|DETACHED|COMMAND|DUMMY|GROUP>
```

```
[ -GROUP      <group name> ]
```

```
[ -APPLICATION <applic name> ]
```

```
[ -DEBUG      <debug level 0-5> ]
```

Create Contol-M jobs using command lines

[-QUIET]

[-GROUP_ORD <grp_orderno|ALONE|LAST>]

[-ADJUST_COND Y|N]

[-MULTIAGENT Y|N]

[-NODEGRP <name>]

[-MEMLIB <path>]

[-MEMNAME <filename>]

[-CMDLINE <string>]

[-JOBNAME <name>]

[-SCHEDTAB <name>]

[-OWNER <username>]

[-AUTHOR <username>]

[-ODATE <date>|ODAT]

[-ODATE_OPTION VALUE_DATE|RUN_DATE]

[-MAXRERUN <value>]

[-TIMEZONE <xxx>]

[-TIMEFROM <earliest submission time>]

[-TIMEUNTIL <latest submission time> | '>']

[-PRIORITY <job priority>]

[-CRITICAL Y|N]

[-CYCLIC Y|N]

[-CONFIRM Y|N]

[-TASKCLASS DISTRIBUTION|DECOLLATION]

[-APPLTYPE <agent_application>]

[-APPLVER <application version>]

[-CMVER <CM version>]

[-APPLFORM <application form>]

[-INTERVAL <45d(days) | 1080h(hours) | 64800m (minutes)>]

[-INTERVALFROM START | END | TARGET]

[-OVERLIB <alternative directory>]

[-MAXWAIT <days>]

[-DESCRIPTION <string>]

Create Contol-M jobs using command lines

```
[ -DOCMEM      <filename> ]
[ -DOCLIB      <directory name> ]
[ -INCOND      <condition> <dateref>|ODAT AND|OR ]
[ -OUTCOND     <condition> <dateref>|ODAT ADD|DEL ]
[ -AUTOEDIT    <varname> <expression> ]
[ -QUANTITATIVE <name> <quantity> ]
[ -SYSOUT      RELEASE|DELETE|COPY|MOVE [<parameter>]]
[ -CONTROL     <name> E|S ]
[ -SHOUT       OK|NOTOK|RERUN|LATESUB|LATETIME|EXEETIME
               <destination> <urgency R|U|V> <message> [<time>] ]
[ -ON          <statement> <code>
  [ -DOOK ]
  [ -DONOTOK ]
  [ -DORERUN ]
  [ -DOSHOOT   <destination> <urgency R|U|V> <message> ]
  [ -DOCOND    <condname> <dateref>|ODAT ADD|DEL ]
  [ -DOAUTOEDIT <varname> <expression> ]
  [ -DOFORCEJOB <tablename> <jobname> <odate>|ODAT ]
  [ -DOSYSOUT  RELEASE|DELETE|COPY|MOVE [<parameter>] ] ]
[ -DOSTOPCYCLIC ]
[ -DOMAIL <destination> <cc> <urgency R|U|V> <subject> <message>]
```

Hope this helps

Regards

Dimitris



[Prod_action_CTM](#) 32 posts since Nov 26, 2012

Re: Create Contol-M jobs using command lines Dec 5, 2012 3:11 AM

in response to [Dimitris Karistinos](#)

Hi [Dimitris](#)

Thank you for your response, i use this command on my dev server to test if i can create a simple smart table.

Create Contol-M jobs using command lines

***ctmcreate -TASKTYPE TABLE -GROUP mygroupname -APPLICATION myapplicationname -
TABLE_ORD SMART -TABLE mytablename -AUTHOR myuserid***

but when i execute i have the message

" new order created, orderid: 0007uw(10184) for JOBNAME=mytablename

Result:success

but when i go to My Control-M/Desktop, i load jobs from the server on witch i executed this command (dev server), i can not see created smart table, group and application.

Can you see where this issue is come from?

Thanks in advanced for your response



Dimitris Karistinos 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Dec 5, 2012 7:08 AM

 in response to [Prod_action _CTM](#)

Hello Prod_action,

I think I gave a bit of erroneus information here....

ctmcreate will create a new job (or jobs) directly in the Active Jobs file. If you would like to see the newly created job, open the Control-M Enterprise Manager and see the Active Jobs.

No, for your situation that you want to save the jobs in the Control-M database you should use the ctmdefine utility.

This utility will create the needed tables and jobs in the Control-M Server database (note this).

When you are done, you will have to download the needed table/tables from Control-M Server to Control-M EM in order to have the ability to work with them through Control-M Desktop.

Check the Utility guide for details about the ctmdefine.

In case you need help about how to download the table from Control-M Server to Control-M/EM just ask.

Regards

Dimitris Karistinos



Prod_action _CTM 32 posts since Nov 26, 2012

Re: Create Contol-M jobs using command lines Dec 5, 2012 8:08 AM

Ok, thanks for this information

I created now one job using ctmdefine utility

Create Contol-M jobs using command lines

can you please tell me who can i download the table/job from Control-M Server to Control-M/EM

Many thanks for your help



Dimitris Karistinos 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Dec 5, 2012 1:04 PM

 in response to [Prod_action _CTM](#)

Hello Prod_action,

Open Control-M Desktop

From there select Tools--->Table Manager

From the upcoming screen there should be a button that allows you to create a table. Use it and create a table with the same name as the one you used in ctmdefine.

When you are done, in the table manager window you will see the new table. At this stage the newly created table resides in the EM Database and it is empty.

Now, in order to bring the table details from Control-M Server do the following:

While in the Table manager, select the newly created table and then press the Dowload button from the toolbar.

The download button is next to the upload button.

When you do that, you will receive a message specifying that you are going to overwrite the contents of the table. Agree with the message and the download will happen.

From now on, the table in EM contains the jobs that where created using ctmdefine and you can work with them in the desktop.

Regards

Dimitris Karistinos



Prod_action _CTM 32 posts since Nov 26, 2012

Re: Create Contol-M jobs using command lines Dec 6, 2012 4:22 AM

 in response to [Dimitris Karistinos](#)

Super ! it works fine now

i looked to ctmdefine documentaition i can not find a way to create sub-tables in my smart table, is it possible to create using this command?

Thanks a lot

Create Contol-M jobs using command lines



Ram Madineni 27 posts since Jul 15, 2009

Re: Create Contol-M jobs using command lines Dec 6, 2012 7:59 PM

in response to [Prod_action _CTM](#)

I am out of the office today. If you have Control-M issues/questions please contact Shaun Lohmann. For Change Management issues/questions please contact Nicole Goudelock. For any other issues please contact Gary Goldsberry.



Dimitris Karistinos 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Dec 7, 2012 12:37 AM

in response to [Prod_action _CTM](#)

Hello Prod_action,

I have not tried that, but I think you should use the -TABLE option of ctmdefine and the syntax from sub-tables is

`-TABLE <TABLENAME>/<SUB-TABLENAME>`

Try it and put tha names you want...probalby it will work

Regards

Dimitris



Prod_action _CTM 32 posts since Nov 26, 2012

Re: Create Contol-M jobs using command lines Dec 10, 2012 9:07 AM

in response to [Dimitris Karistinos](#)

Hi Dimitri,

I try using the command:-TABLE <TABLENAME>/<SUB-TABLENAME> but i have the message :

" the sub table <SUB-TABLENAME> does not exists"

it does not work

Regards,



Dimitris Karistinos 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Dec 11, 2012 6:38 AM

in response to [Prod_action _CTM](#)

Any chance in posting the command you run?

Create Contol-M jobs using command lines

Regards

Dimitris



[Prod_action_CTM](#) 32 posts since Nov 26, 2012

Re: Create Contol-M jobs using command lines Dec 11, 2012 8:03 AM

in response to [Dimitris Karistinos](#)

Hi Dimitri,

He is my command

```
ctmdefine -TABLE Smart_table1/Smart_Table2 -JOBNAME myjobname -TASKTYPE JOB -GROUP
group_name -APPLICATION My_application_name -NODEGRP agent_name -MEMLIB /jobs/path/
-MEMNAME Script_name -CYCLIC N -OWNER username -AUTHOR author_name -DESCRIPTION
"jobdescription" -INCOND condition1 ODAT AND -OUTCOND out_cond1 ODAT ADD -OUTCOND outcond2
ODAT DEL -AUTOEDIT %%PARAM1 "parameter_name" -AUTOEDIT %%LIBMEMSYM /controlm/install/sa/
ctmuser/AUTOEDIT/autoedit.txt -SYSOUT COPY %%GLB_LOG
```

When i create sub-tables manually (smart tables) i can not insert created jobs inside

Thanks in advance for your support



[Heikki Collanus](#) 2 posts since Sep 20, 2012

Re: Create Contol-M jobs using command lines Dec 11, 2012 7:53 AM

in response to [Prod_action_CTM](#)

Hi,

I'm Out of Office until 17.12.

In Control-M related issues, please send email to workload.automation@fi.fujitsu.com

Best Regards,

Heikki



[Dimitris Karistinos](#) 106 posts since Sep 7, 2012

Re: Create Contol-M jobs using command lines Dec 11, 2012 8:13 AM

in response to [Prod_action_CTM](#)

Hellol Prod_action,

I took a more carefull look in the manuals and I think your solution resides in Chapter 3 of the Utility Manual.

Create Contol-M jobs using command lines

This chapter discuss all the available commands in order to create SMART tables and Sub-tables and import jobs to them.

So I think your process should be at first to create the needed SMART tables / Sub-tables and then add jobs to them.

Take a look at the manual and i am sure you will short it out.

Regards

Dimitris