(E)JES®

Universal JES Management

Zowe Conformant

CLI - 2019

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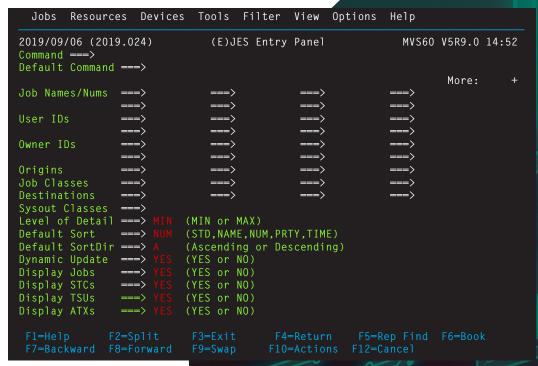API MEDIATION LAYER - 2019

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What is (E)JES?

(E)JES is a system management tool that gives you information to monitor, manage, and control your JES2 and/or JES3 z/OS® JESplex.
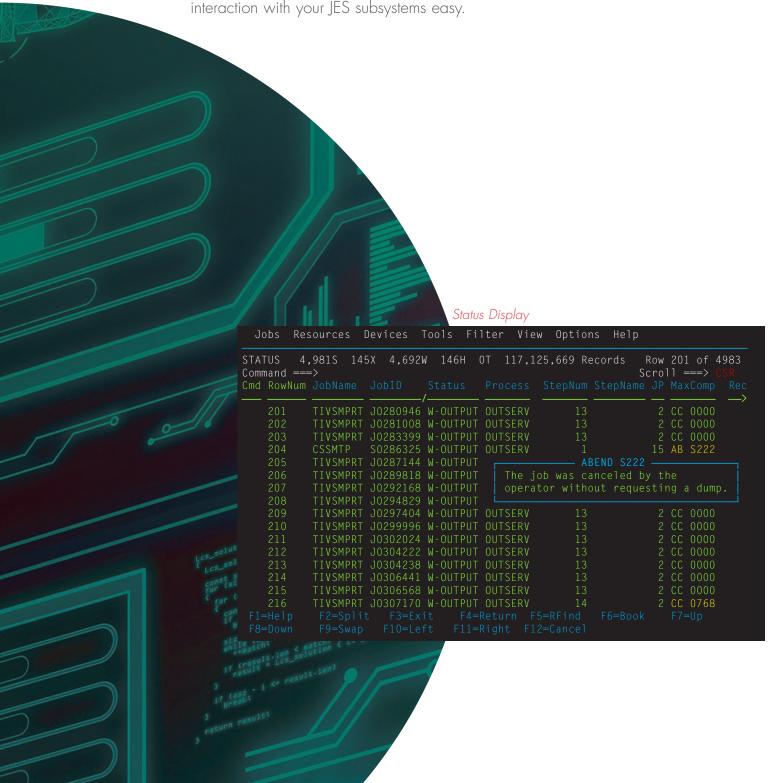
With (E)JES, you can:

- Control job processing (hold, release, cancel, and purge jobs).
- Monitor jobs while they are running.
- Browse jobs without printing.
- Control JESplex parameters, initiators, job classes, and job class groups.
- Control printers, punches, functional subsystems, and NJE devices.
- Control your JES SPOOL configuration.
- Monitor and control JES resources.
- Control WLM scheduling environments and resources.
- Control WLM enclaves and z/OS UNIX processes.
- Control the z/OS Health Checker.
- Issue system commands.

(E)JES Entry Panel

```
   Jobs   Resources   Devices   Tools   Filter   View   Options   Help

  2019/09/06 (2019.024)          (E)JES Entry Panel          MVS60 V5R9.0 14:52
  Command ===>
  Default Command ===>
                                                              More:        +
  Job Names/Nums  ===>          ===>          ===>          ===>
                  ===>          ===>          ===>          ===>
  User IDs        ===>          ===>          ===>          ===>
                  ===>          ===>          ===>          ===>
  Owner IDs       ===>          ===>          ===>          ===>
                  ===>          ===>          ===>          ===>
  Origins         ===>          ===>          ===>          ===>
  Job Classes     ===>          ===>          ===>          ===>
  Destinations    ===>          ===>          ===>          ===>
  Sysout Classes  ===>
  Level of Detail ===> MIN   (MIN or MAX)
  Default Sort    ===> NUM   (STD,NAME,NUM,PRTY,TIME)
  Default SortDir ===> A     (Ascending or Descending)
  Dynamic Update  ===> YES   (YES or NO)
  Display Jobs    ===> YES   (YES or NO)
  Display STCs    ===> YES   (YES or NO)
  Display TSUs    ===> YES   (YES or NO)
  Display ATXs    ===> YES   (YES or NO)

   F1=Help      F2=Split     F3=Exit      F4=Return    F5=Rep Find  F6=Book
   F7=Backward  F8=Forward   F9=Swap      F10=Actions  F12=Cancel
```

(E)JES consists of panels that provide immediate and current information about jobs, printers, queues, and resources in a z/OS JESplex. With (E)JES, you can easily access and modify all attributes for jobs, started tasks, TSO users, APPC/ MVS transaction jobs, z/OS UNIX processes running anywhere in your JESplex. Simple commands and rapid accessibility not only save you time, but also make interaction with your JES subsystems easy.

Status Display

```
 Jobs   Resources   Devices   Tools   Filter   View   Options   Help

 STATUS    4,981S   145X   4,692W   146H   OT   117,125,669 Records     Row 201 of 4983
 Command ===>                                                       Scroll ===> CSR
 Cmd RowNum JobName  JobID     Status    Process   StepNum StepName JP MaxComp   Rec
 ___ _____ _____ _____/_____ _____ _____ _____ __ _____ __→
     201    TIVSMPRT J0280946 W-OUTPUT OUTSERV      13              2 CC 0000
     202    TIVSMPRT J0281008 W-OUTPUT OUTSERV      13              2 CC 0000
     203    TIVSMPRT J0283399 W-OUTPUT OUTSERV      13              2 CC 0000
     204    CSSMTP   S0286325 W-OUTPUT OUTSERV       1             15 AB S222
     205    TIVSMPRT J0287144 W-OUTPUT          ———— ABEND S222 ————
     206    TIVSMPRT J0289818 W-OUTPUT       | The job was canceled by the      |
     207    TIVSMPRT J0292168 W-OUTPUT       | operator without requesting a dump.|
     208    TIVSMPRT J0294829 W-OUTPUT        ——————————————————————
     209    TIVSMPRT J0297404 W-OUTPUT OUTSERV      13              2 CC 0000
     210    TIVSMPRT J0299996 W-OUTPUT OUTSERV      13              2 CC 0000
     211    TIVSMPRT J0302024 W-OUTPUT OUTSERV      13              2 CC 0000
     212    TIVSMPRT J0304222 W-OUTPUT OUTSERV      13              2 CC 0000
     213    TIVSMPRT J0304238 W-OUTPUT OUTSERV      13              2 CC 0000
     214    TIVSMPRT J0306441 W-OUTPUT OUTSERV      13              2 CC 0000
     215    TIVSMPRT J0306568 W-OUTPUT OUTSERV      13              2 CC 0000
     216    TIVSMPRT J0307170 W-OUTPUT OUTSERV      14              2 CC 0768
 F1=Help    F2=Split   F3=Exit    F4=Return  F5=RFind   F6=Book    F7=Up
 F8=Down    F9=Swap    F10=Left   F11=Right  F12=Cancel
```

Benefits of Using (E)JES

Improved Job Management

(E)JES lets you easily manage jobs in your spool. It gives immediate, up-to-date information, such as:

- The status, class, priority, date, and time of a job
- All jobs on a queue, such as input, hold, or output
- Job details no matter where it is in the JESplex
- Reasons a job is delayed
- Output from a job as it is created no matter where the job is running in the JESplex

Improved Output Management

(E)JES displays detailed information about output that is ready to be printed, including:

- The total number of lines to be printed
- Classes the output is assigned to
- Forms needed for printing
- Date the output was created

Improved Resource Management

(E)JES provides an effective way to manage resources.

- Control and manage JESplex parameters, JES-managed initiators (JES2), job classes, and job class groups (JES3)
- Control NJE nodes
- Control and manage WLM resources
- Control WLM enclaves and z/OS UNIX processes
- Control the z/OS Health Checker
- Control and manage system requests
- Reduce problem management time
- Issue system commands

Benefits of Using (E)JES

Improved User Access Control

You can tailor (E)JES to meet the needs of your users and your security requirements. You can control:

- Who can use (E)JES
- Which users can issue (E)JES control commands
- Which users can issue system commands
- For which jobs users can issue commands
- Which columns to display on panels
- Which jobs and output to display on panels

You can implement these controls internally or through the SAF and an external program such as RACF®.

Improved Device Control

With (E)JES, you have a single interface to some of the most important devices on your system:

- Local and remote printers and punches
- Spool partitions and volumes
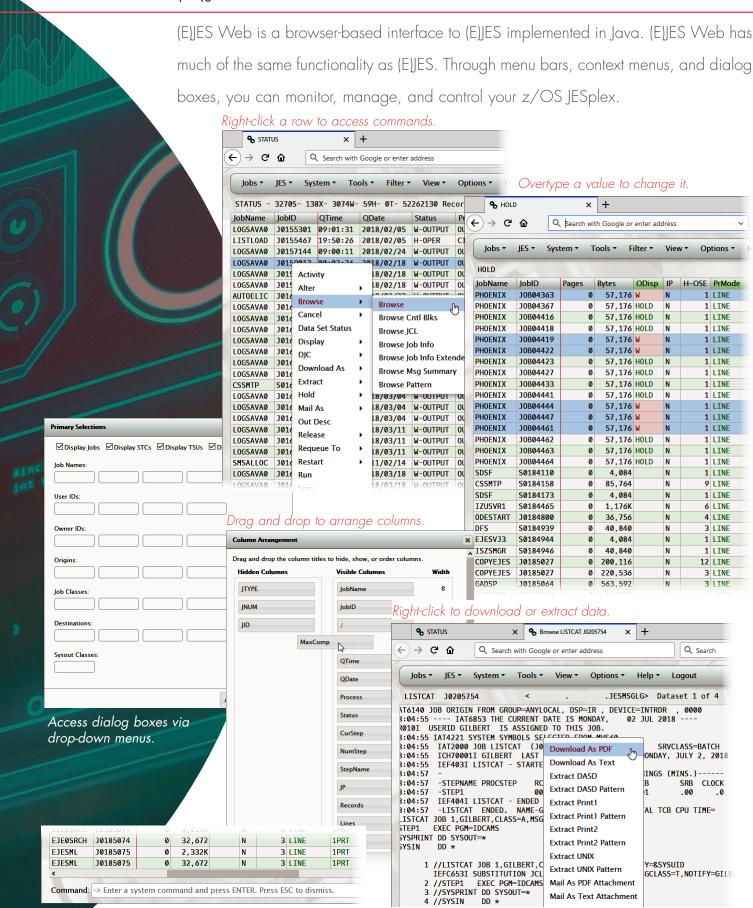- JES3 functional subsystems

Improved Automation of Routine Tasks

The (E)JES Application Programming Interface (API) and companion REXX and Java APIs make powerful (E)JES functionality available to programs, allowing users to:
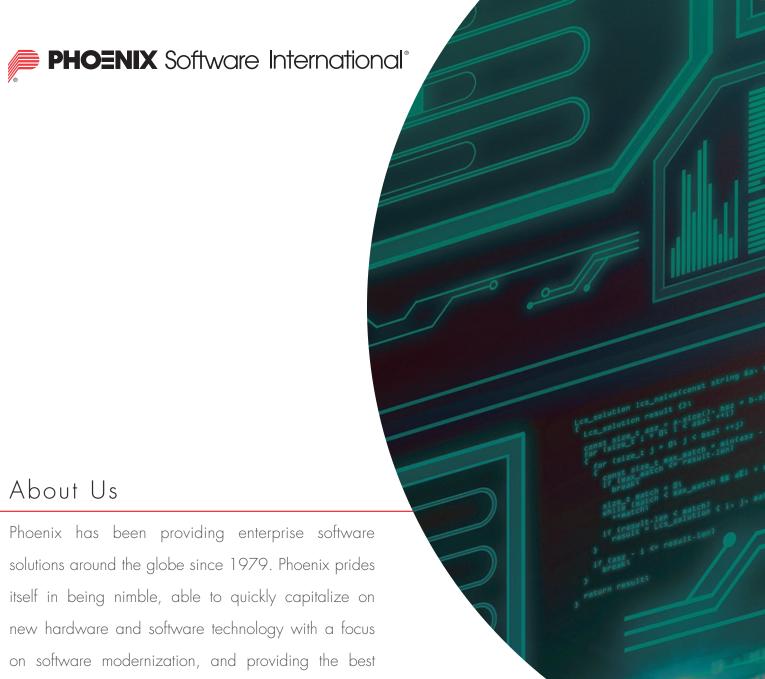
- Create programs to perform routine tasks
- Use installation-written applications to obtain system information.
- Use System REXX to access "smart" tools and commands without TSO/E access.

(E)JES Web

(E)JES Web is a browser-based interface to (E)JES implemented in Java. (E)JES Web has much of the same functionality as (E)JES. Through menu bars, context menus, and dialog boxes, you can monitor, manage, and control your z/OS JESplex.

Right-click a row to access commands.

Overtype a value to change it.

Access dialog boxes via drop-down menus.

Drag and drop to arrange columns.

Right-click to download or extract data.

Type a slash to enter a system command.

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Phoenix has been providing enterprise software solutions around the globe since 1979. Phoenix prides itself in being nimble, able to quickly capitalize on new hardware and software technology with a focus on software modernization, and providing the best possible user experience.

Visit us at www.phoenixsoftware.com to learn more about our products and download a free trial of (E)JES.

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