

Universal Connector for PeopleSoft 7.8.x Quick Reference Guide

Universal Agent 7.8.x

© 2024 by Stonebranch, Inc. All Rights Reserved.

Table of Contents

1	Overview	4
2	UPPS 7.8.x Quick Reference Guide - Commands	5
2.1	Usage.....	5
2.1.1	upps command HOST USER [COMMAND FILE INFORMATIONAL LOCAL MESSAGE SSL] [Command-Specific Options].....	5
2.1.2	Command Categories.....	5
2.1.3	CANCEL Commands.....	5
2.1.4	DELETE Commands.....	6
2.1.5	DISPLAY Commands	6
2.1.6	HOLD Commands	11
2.1.7	START Commands	11
2.1.8	SUBMIT Commands	12
2.1.9	WAIT Commands.....	13
3	UPPS 7.8.x Quick Reference Guide - Configuration Options for Program Execution.....	15
3.1	Usage.....	15
3.1.1	upps command HOST USER [COMMAND FILE INFORMATIONAL LOCAL MESSAGE SSL] [Command-Specific Options].....	15
3.1.2	HOST -host [-port] -psendpoint.....	15
3.1.3	USER -userid -pwd.....	15
3.1.4	COMMAND FILE {-file -encryptedfile [-key]}.....	16
3.1.5	INFORMATIONAL {-help -version}.....	16
3.1.6	LOCAL -bif_directory -plf_directory	16
3.1.7	MESSAGE -lang -level -trace_file_lines -trace_table.....	16
3.1.8	SSL -ssl_cipher_list [-ca_certs] [-cert] [-private_key [-private_key_pwd]] [- verify_host_name] [-verify_peer].....	17
4	UPPS 7.8.x Quick Reference Guide - Environment Variables.....	18
4.1	Environment Variables.....	18

1 Overview

Quick Reference information for Universal Connector for PeopleSoft 7.0.x is located on the following pages:

- [UPPS 7.8.x Quick Reference Guide - Commands](#) (and command-specific configuration options)
- [UPPS 7.8.x Quick Reference Guide - Configuration Options for Program Execution](#)
- [UPPS 7.8.x Quick Reference Guide - Environment Variables](#)

2 UPPS 7.8.x Quick Reference Guide - Commands

2.1 Usage

Each execution of Universal Connector for PeopleSoft (upps) is followed by:

1. A single command.
2. One or more configuration options for [program execution](#) from required and optional categories.
3. One or more configuration options associated with the specified command.

2.1.1 **upps** `command` `HOST` `USER` [`COMMAND` `FILE` `INFORMATIONAL` `LOCAL` `MESSAGE` `SSL`] **[Command-Specific Options]**

There is a long form and, for some commands and options, a short form available for specifying commands and options on the command line. The long form is not case-sensitive; the short form is case-sensitive.

Commands and options must be prefixed with a dash (-) character. If an option value is specified, the option and its value must be separated by at least one space.

2.1.2 Command Categories

2.1.2.1 { `CANCEL` | `DELETE` | `DISPLAY` | `HOLD` | `START` | `SUBMIT` | `WAIT` }

2.1.3 CANCEL Commands

2.1.3.1 CANCEL PROCESS -cancel -ProcessInstance

Long Form	Short Form	Description
-cancel	n/a	Cancels the specified process instance in the PeopleSoft system.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.

2.1.4 DELETE Commands

2.1.4.1 DELETE PROCESS -delete -ProcessInstance

Long Form	Short Form	Description
-delete	n/a	Deletes the specified process instance from the PeopleSoft system.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.

2.1.5 DISPLAY Commands

2.1.5.1 DISPLAY {OUTPUT TYPES | PRCS GET REPORT | PRCS GET REQUEST | PRCS GET SERVER CONSTRAINTS | PRCS PARAMS | PRCS PRINT JOB HTML REPORT | PRCS PRINT JOB REQUEST REPORT | PRCS PRINT SCHED HTML REPORT | PRCS PROMPT | PROCESS NAMES | REQUESTS}

2.1.5.1.1 DISPLAY OUTPUT TYPES -display prcs_get_outputtypes [-ProcessType] [-ProcessName} [-LangCode] [-outfmt]

Long Form	Short Form	Description
-display prcs_get_outputtypes	-D prcs_get_outputtypes	Displays a list of available output types for the specified process resource.
-ProcessType	n/a	Specific type of PeopleSoft process.
-ProcessName	n/a	Name of a PeopleSoft process for which parameter names will be returned.
-LangCode	n/a	Filter requests by language code.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.2 DISPLAY PRCS GET REPORT -display prcs_getreport -ProcessInstance [-outfmt]

Long Form	Short Form	Description
-display prcs_getreport	-D prcs_getreport	Displays a report from the PeopleSoft Report Repository.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.3 DISPLAY PRCS GET REQUEST -display prcs_getrequest -ProcessInstance [-outfmt]

Long Form	Short Form	Description
-display prcs_getrequest	-D prcs_getrequest	Displays Get process request information for a specific request instance.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.4 DISPLAY PRCS GET SERVER CONSTRAINTS -display prcs_getserverconstraints [-ServerName] [-ProcessType] [-outfmt]

Long Form	Short Form	Description
-display prcs_getserverconstraints	-D prcs_getserverconstraints	Displays server constraint information for servers matching the specified criteria.
-ServerName	n/a	Specific server name for which constraints will be returned.
-ProcessType	n/a	Specific type of PeopleSoft process.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.5 DISPLAY PRCS PARAMS -display prcs_params {-JobName | -ProcessName} -ProcessType [-outfmt]

Long Form	Short Form	Description
-display prcs_params	-D prcs_params	Displays the list of parameter values for a PeopleSoft job or process.
-JobName	n/a	Name of the job being referenced by a command.
-ProcessName	n/a	Name of a PeopleSoft process for which parameter names will be returned.
-ProcessType	n/a	Specific type of PeopleSoft process.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.6 DISPLAY PRCS PRINT JOB HTML REPORT -display prcs_print_jobhtmlreport -JobName [-outfmt]

Long Form	Short Form	Description
-display prcs_print_jobhtmlreport	-D prcs_print_jobhtmlreport	Displays a report with all items in a job or jobset, as defined in the job definition component.
-JobName	n/a	Name of the job being referenced by a command.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.7 DISPLAY PRCS PRINT JOB REQUEST REPORT -display prcs_print_jobrequestreport -ProcessInstance [-ItemInstance] [-PrintJobTree] [-PrintDistList] [-PrintSystemMessage] [-PrintApplicationMessage] [-PrintParamList] [-outfmt]

Long Form	Short Form	Description
-display prcs_print_jobrequestreport	-D prcs_print_jobrequestreport	Displays a report containing the current status of a specific process, job, or jobset.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.
-ItemInstance	n/a	Instance number of a scheduled job or jobset.
-PrintJobTree	n/a	Controls whether or not the job tree is included in the Job Report.
-PrintDistList	n/a	Controls whether or not the report-recipient distribution list is included in the Job Report.

Long Form	Short Form	Description
-PrintSystemMessage	n/a	Controls whether or not to print the system messages for the monitored processes are included in the Job Report.
-PrintApplicationMessage	n/a	Controls whether or not the application messages for the monitored processes are included in the Job Report.
-PrintParamList	n/a	Controls whether or not the parameter list job items are included in the Job Report.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.8 DISPLAY PRCS PRINT SCHED HTML REPORT -display prcs_print_schedhtmlreport -MainSchedName -MainJobName [-PrintJobTree] [-PrintDistList] [-PrintNotifyList] [-PrintMessageList] [-PrintParamList] [-outfmt]

Long Form	Short Form	Description
-display prcs_print_schedhtmlreport	-D prcs_print_schedhtmlreport	Displays a report listing all items in a job or jobset, as defined in the Scheduled Jobset Definition component.
-MainSchedName	n/a	Name of the jobset schedule.
-MainJobName	n/a	Name of the job within the jobset schedule.
-PrintJobTree	n/a	Controls whether or not the job tree is included in the Job Report.
-PrintDistList	n/a	Controls whether or not the report-recipient distribution list is included in the Job Report.
-PrintNotifyList	n/a	Controls whether or not the job notify list is included in the report.
-PrintMessageList	n/a	Controls whether or not the messages that will be emailed upon completion of a job item are included in the report.
-PrintParamList	n/a	Controls whether or not the parameter list job items are included in the Job Report.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.9 DISPLAY PRCS PROMPT -display prcs_prompt -prompt [-outfmt]

Long Form	Short Form	Description
-display prcs_prompt	-D prcs_prompt	Displays a list of the specified prompt values available in the PeopleSoft system.

Long Form	Short Form	Description
-prompt	n/a	Type of prompt values in the PeopleSoft system that will be displayed by the DISPLAY PRCS PROMPT command.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.10 DISPLAY PROCESS NAMES -display process_names -ProcessType [-outfmt]

Long Form	Short Form	Description
-display process_names	-D process_names	Displays the list of process names in the PeopleSoft system for a specified process type.
-ProcessType	n/a	Specific type of PeopleSoft process.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.5.1.11 DISPLAY REQUESTS -display prcs_findrequests [-ProcessInstanceFrom] [-ProcessInstanceTo] [-OperatorId] [-ProcessType] [-ProcessName] [-ServerRun] [-RunStatus] [-DistributionStatus] [-LangCode] [-FilterValue -FilterUnit | {[-FromDate] [-ToDate]]} [-ProcessRequestCount] [-outfmt]

Long Form	Short Form	Description
-display prcs_findrequests	-D prcs_findrequests	Displays a list of request status information records from the PeopleSoft system that match the specified criteria.
-ProcessInstanceFrom	n/a	Starting (lower) process instance ID in a range of instance IDs to be displayed.
-ProcessInstanceTo	n/a	Ending (upper) process instance ID in a range of instance IDs to be displayed.
-OperatorId	n/a	Filter requests by this operator ID.
-ProcessType	n/a	Specific type of PeopleSoft process.
-ProcessName	n/a	Name of a PeopleSoft process for which parameter names will be returned.
-ServerRun	n/a	Filter requests by this server name.
-RunStatus	n/a	Filter requests by run status.
-DistributionStatus	n/a	Filter requests by distribution status.
-LangCode	n/a	Filter requests by language code.
-FilterValue	n/a	Integer value that will be interpreted in -filterunit units to provide a time range for filtering requests.

Long Form	Short Form	Description
-FilterUnit	n/a	Unit used to interpret -filtervalue to provide a time range for filtering requests.
-FromDate	n/a	Explicit from date in the form of yyyy-mm-dd.
-ToDate	n/a	Latest date to use for job selection or syslog request.
-ProcessRequestCount	n/a	Limit of the number of requests that will be returned.
-outfmt	n/a	Format of the output from a PeopleSoft process.

2.1.6 HOLD Commands

2.1.6.1 HOLD PROCESS -hold -ProcessInstance

Long Form	Short Form	Description
-hold	n/a	Places the specified process instance on hold in the PeopleSoft system.
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.

2.1.7 START Commands

2.1.7.1 START JOBSET -start -MainSchedName -MainJobName [-poll] [-wait [-PrintJobTree] [-PrintDistList] [-PrintSystemMessage] [-PrintApplicationMessage] [-PrintParamList] [-report] [-cntfilter]]

Long Form	Short Form	Description
-start	n/a	Starts a JobSet based on the settings defined in the Process Scheduler's Scheduled JobSet Definition component.
-MainSchedName	n/a	Name of the jobset schedule.
-MainJobName	n/a	Name of the job within the jobset schedule.
-poll	n/a	Length of time to wait between status calls to the PeopleSoft system.
-PrintJobTree	n/a	Controls whether or not the job tree is included in the Job Report.

Long Form	Short Form	Description
-PrintDistList	n/a	Controls whether or not the report-recipient distribution list is included in the Job Report.
-PrintNotifyList	n/a	Controls whether or not the job notify list is included in the report.
-PrintMessageList	n/a	Controls whether or not the messages that will be emailed upon completion of a job item are included in the report.
-PrintParamList	n/a	Controls whether or not the parameter list job items are included in the Job Report.
-report	n/a	Controls whether or not the reports associated with a process are returned.
-cntfilter	n/a	Comma-delimited list of report file suffixes that will not be returned.

2.1.8 SUBMIT Commands

2.1.8.1 SUBMIT PROCESS -sub {filename -deffmt} | {-RunControlId -ProcessType {-ProcessName | -JobName}} [-ServerName] [-RunDateTime] [-TimeZone] [-RecurrenceName] [-OutputDestinationType] [-OutputDestinationFormat] [-OutputDestinationString] [-ReportFolderName] [-ProcessFileName] [-RetentionDays] [-wait [-poll]] [-PrintJobTree] [-PrintDistList] [-PrintSystemMessage] [-PrintApplicationMessage] [-PrintParamList] [-report] [-cntfilter]]

Long Form	Short Form	Description
-sub filename	-U filename	Submits a process, job, or jobset to the PeopleSoft Process Scheduler for execution.
-deffmt	n/a	Format of the definition file.
-RunControlId	n/a	Run control ID to be used for the process submission.
-ProcessType	n/a	Specific type of PeopleSoft process.
-ProcessName	n/a	Name of a PeopleSoft process for which parameter names will be returned.
-JobName	n/a	Name of the job being referenced by a command.
-ServerName	n/a	Specific server name for which constraints will be returned.
-RunDateTime	n/a	Custom run date time for the submitted process.
-TimeZone	n/a	Time zone to use for Run_Date_Time.
-RecurrenceName	n/a	Named recurrence definition to apply to the process submission.
-OutputDestinationType	n/a	Type of output for a submitted process.

Long Form	Short Form	Description
-OutputDestinationFormat	n/a	Override of the default output format for the submitted process.
-OutputDestinationString	n/a	Override for the file path or printer destination for the output, if the output type for a submitted process is File or Printer.
-ReportFolderName	n/a	Override for the folder name for the main job or process.
-ProcessFileName	n/a	Override for the dependent file name for the submitted process.
-RetentionDays	n/a	Override for the retention days defined for a submitted process.
-wait	n/a	Specification that UPPS will monitor the specified process to completion.
-poll	n/a	Length of time to wait between status calls to the PeopleSoft system.
-PrintJobTree	n/a	Controls whether or not the job tree is included in the Job Report.
-PrintDistList	n/a	Controls whether or not the report-recipient distribution list is included in the Job Report.
-PrintSystemMessage	n/a	Controls whether or not to print the system messages for the monitored processes are included in the Job Report.
-PrintApplicationMessage	n/a	Controls whether or not the application messages for the monitored processes are included in the Job Report.
-PrintParamList	n/a	Controls whether or not the parameter list job items are included in the Job Report.
-report	n/a	Specification for whether or not the reports associated with a process are returned.
-cntfilter	n/a	Comma-delimited list of report file suffixes that will not be returned.

2.1.9 WAIT Commands

2.1.9.1 WAIT for PROCESS -wait -ProcessInstance [-poll] [-PrintJobTree] [-PrintDistList] [-PrintSystemMessage] [-PrintApplicationMessage] [-PrintParamList] [-report] [-cntfilter]]

Long Form	Short Form	Description
-ProcessInstance	n/a	PeopleSoft process instance number identifying the request to be returned.
-wait	n/a	Specification that UPPS will monitor the specified process to completion.
-poll	n/a	Length of time to wait between status calls to the PeopleSoft system.
-PrintJobTree	n/a	Controls whether or not the job tree is included in the Job Report.

Long Form	Short Form	Description
-PrintDistList	n/a	Controls whether or not the report-recipient distribution list is included in the Job Report.
-PrintSystemMessage	n/a	Controls whether or not to print the system messages for the monitored processes are included in the Job Report.
-PrintApplicationMessage	n/a	Controls whether or not the application messages for the monitored processes are included in the Job Report.
-PrintParamList	n/a	Controls whether or not the parameter list job items are included in the Job Report.
-report	n/a	Specification for whether or not the reports associated with a process are returned.
-cntfilter	n/a	Comma-delimited list of report file suffixes that will not be returned.

3 UPPS 7.8.x Quick Reference Guide - Configuration Options for Program Execution

3.1 Usage

Each execution of Universal Connector for PeopleSoft (upps) is followed by:

1. A single command.
2. One or more configuration options for program execution from required and optional categories.
3. One or more configuration options associated with the specified [command](#).

3.1.1 **upps** [command](#) [HOST](#) [USER](#) [[COMMAND](#) [FILE](#) [INFORMATIONAL](#) [LOCAL](#) [MESSAGE](#) [SSL](#)] [**Command-Specific Options**]

3.1.2 **HOST** **-host** [**-port**] **-psendpoint**

Long Form	Short Form	Description
-host	-i	Host name of a PeopleSoft application server.
-port	n/a	Port number for a PeopleSoft application server.
-psendpoint	n/a	Web Service endpoint for the PROCESSREQUEST service.

3.1.3 **USER** **-userid** **-pwd**

Long Form	Short Form	Description
-pwd	-w	Password for the PeopleSoft user ID.
-userid	-u	PeopleSoft user ID with which to logon to the PeopleSoft system.

3.1.4 COMMAND FILE {-file | -encryptedfile [-key]}

Long Form	Short Form	Description
-file	-f	File name of a plain text command file.
-encryptedfile	-x	File name of an encrypted text command file.
-key	-K	Key used to encrypt the command file.

3.1.5 INFORMATIONAL {-help | -version}

Long Form	Short Form	Description
-help	-h	Displays a description of the Universal Connector for PeopleSoft command line options and their format.
-version	-v	Writes Universal Connector for PeopleSoft version and copyright information.

3.1.6 LOCAL -bif_directory -plf_directory

Long Form	Short Form	Description
-bif_directory	n/a	Broker Interface File (BIF) directory where the Universal Broker interface file, ubroker.bif, is located.
-plf_directory	n/a	Program Lock File (PLF) directory where the program lock files are located.

3.1.7 MESSAGE -lang -level -trace_file_lines -trace_table

Long Form	Short Form	Description
-lang	-L	Language in which messages are written.
-level	-l	Level of messages to write.
-trcaefielines	n/a	Maximum number of lines to write to the trace file.
-trace_table	n/a	Size of a wrap-around trace table, and under what conditions the table is written to a file when the process ends.

3.1.8 SSL -ssl_cipher_list [-ca_certs] [-cert] [-private_key [-private_key_pwd]] [-verify_host_name] [-verify_peer]

Long Form	Short Form	Description
-ssl_cipher_list	n/a	SSL/TLS cipher suites acceptable for use by the SSL/TLS protocol.
-ca_certs	n/a	Location of the PEM-formatted trusted Certificate Authority (CA) X.509 certificates file.
-cert	n/a	File name of the PEM-formatted X.509 certificate that identifies Universal Connector for PeopleSoft.
-private_key	n/a	Location of the PEM-formatted RSA private key that corresponds to the X.509 certificates specified by -cert.
-private_key_pwd	n/a	Password or passphrase for the PEM-formatted RSA private key specified with -private_key.
-verify_host_name	n/a	Specification for whether or not the PeopleSoft server's X.509 certificate host name is verified.
-verify_peer	n/a	Specification for whether or not the authenticity of the PeopleSoft server's X.509 certificate is verified.

4 UPPS 7.8.x Quick Reference Guide - Environment Variables

4.1 Environment Variables

The following table contains the environment variables that Universal Connector for PeopleSoft uses.

The first column is their equivalent command line option. Command line options override environment variable settings.

Command Line Option	Environment Variable
-bif_directory	UPPSBIFDIRECTORY
-ca_certificates	UPPSCACERTS
-cert	UPPSCERT
-cntfilter	UPPSCNTFILTER
-content	UPPSCONTENTID
-deffmt	UPPSDEFFMT
-DistributionStatus	UPPSDISTRIBUTIONSTATUS
-EncryptedFile	UPPSENCRYPTEDFILE
-psendpoint	UPPSENDPOINT
-file	UPPSFILE
-FilterUnit	UPPSFILTERUNIT
-FilterValue	UPPSFILTERVALUE
-FromDate	UPPSFROMDATE
-host	UPPSHOST
-ItemInstance	UPPSITEMINSTANCE
-JobName	UPPS_JOBNAME
-langcode	UPPSLANGCODE
-MainJobName	UPPSMAINJOBNAME
-MainSchedName	UPPSMAINSCHEDNAME
-lang	UPPSLANG
-level	UPPSLEVEL
-OperatorId	UPPSOPERATORID

Command Line Option	Environment Variable
-OutputDestinationFormat	UPPS_OUTPUTDESTINATIONFORMAT
-OutputDestinationString	UPPS_OUTPUTDESTINATIONSTRING
-OutputDestinationType	UPPS_OUTPUTDESTINATIONTYPE
-outfmt	UPPSOUTFMT
-pwd	UPPSPWD
-plf_directory	UPPSPLFDIRECTORY
-poll	UPPSPOLL
-port	UPPSPORT
-PrintApplicationMessage	UPPSPRINTAPPLICATIONMESSAGE
-PrintDistList	UPPSPRINTDISTLIST
-PrintJobTree	UPPSPRINTJOBTREE
-PrintMessageList	UPPSPRINTMESSAGELIST
-PrintNotifyList	UPPSPRINTNOTIFYLIST
-PrintParamList	UPPSPRINTPARAMLIST
-PrintSystemMessage	UPPSPRINTSYSTEMMESSAGE
-PrivateKey	UPPS_PRIVATEKEY
-PrivateKeyPwd	UPPSPRIVATEKEYPWD
-ProcessInstance	UPPSPROCESSINSTANCE
-ProcessInstanceFrom	UPPSPROCESSINSTANCEFROM
-ProcessInstanceTo	UPPSPROCESSINSTANCETO
-ProcessFileName	UPPS_PROCESSFILENAME
-ProcessName	UPPSPROCESSNAME
-ProcessRequestCount	UPPSPROCESSREQUESTCOUNT
-ProcessType	UPPSPROCESSTYPE
-Prompt	UPPSPROMPT
-RecurrenceName	UPPS_RECURRENCENAME
-Report	UPPSREPORT
-ReportFolderName	UPPS_REPORTFOLDERNAME
-RetentionDays	UPPS_RETENTIONDAYS

Command Line Option	Environment Variable
-JobLog	UPPS_JOBLOG
-SpoolList	UPPS_SPOOLLIST
-RunControlId	UPPS_RUNCONTROLID
-RunDateTime	UPPS_RUNDATETIME
-RunStatus	UPPSRUNSTATUS
-ServerName	UPPSSERVERNAME
-ServerRun	UPPSSSERVERRUN
-Ssl_Cipher_List	UPPSSSLCIPHERLIST
-TimeZone	UPPS_TIMEZONE
-ToDate	UPPSTODATE
-TraceFileLines	UPPSTRACEFILELINES
-UserId	UPPSUSERID
-Verify_Host_Name	UPPSVERIFYHOSTNAME
-Verify_Peer	UPPSVERIFYPEER