Universal Connector 4.3.0
Quick Reference

Usage usap COMMAND HOST USER [ADDITIONAL OPTIONS...]

Format

There is a long form and, for most commands and options, a short form available for specifying each command and option 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.

COMMANDS { ABORT | DISPLAY | GENERATE | MODIFY | PURGE | RAISE EVENT | RUN | START | SUBMIT | SYNTAX | WAIT | BDCWAIT | MASS ACTIVITY WAIT }

ABORT   -abort -jobname -jobid

Long Form	Short Form	Description
-abort	-A	Abort a running job on an SAP system.
-jobname *jobname*	-j *jobname*	Name of the SAP job to abort.
-jobid *jobid*	-b *jobid*	ID of the SAP job to abort.

DISPLAY   { COMMANDS | INTERCEPT_TABLE | JOBDEF | JOBLOG | OUTPUT_DEVICES | PRINT_FORMATS | QSTATE | REPORTS | SELECT | SPOOLLIST | STATUS | SYSLOG | VARIANT | VARIANTS }

COMMANDS   -display commands [-cmd] [-opsys]

Long Form	Short Form	Description
-display commands	-D commands	Displays a list of SAP external commands that match the specified criteria.
-cmd *external_command_mask*	n/a	Complete command name or a mask used to select SAP external commands that match the mask.
-opsys *operating_system*	n/a	Name of the operating system for which external commands are searched.

INTERCEPTED_JOBS -display intercepted_jobs [-dspclient]

Long Form	Short Form	Description
-display intercepted_jobs	-D intercepted_jobs	Displays intercepted jobs for the connected SAP system.
-dspclient *client*	n/a	Specific SAP client whose intercepted jobs will be reported.

INTERCEPT_TABLE -display intercept_table

Long Form	Short Form	Description
-display intercept_table	-D intercept_table	Displays the contents of the job intercept criteria table for the connected SAP system.

JOBDEF -display jobdef -jobname -jobid

Long Form	Short Form	Description
-display jobdef	-D jobdef	Display the job definition of a SAP job.
-jobname *jobname*	-j *jobname*	Name of the SAP job.
-jobid *jobid*	-b *jobid*	ID of the SAP job.

JOBLOG -display joblog -jobname -jobid

Long Form	Short Form	Description
-display joblog	-D joblog	Display the joblog of a SAP job.
-jobname *jobname*	-j *jobname*	Name of the SAP job.
-jobid *jobid*	-b *jobid*	ID of the SAP job.
-max_log_size *size*	n/a	Maximum size for job logs.

OUTPUT_DEVICES -display output_devices { -short_name | -long_name }

Long Form	Short Form	Description
-display output_devices	-D output_devices	Displays a list of SAP output devices that match the specified criteria.
-short_name *technical_device_name_mask*	n/a	Complete device name or a mask used to select SAP output devices that match the mask.
-long_name *long_device_name_mask*	n/a	Complete device name or a mask used to select SAP output devices that match the mask.

PRINT_FORMATS -display print_formats [-printer] [-layout]

Long Form	Short Form	Description
-display print_formats	-D print_formats	Displays a list of print formats that are available for the specified printer.
-printer *printer_name*	n/a	Name of a printer for which the print formats will be retrieved.
-layout *layout*	n/a	Complete layout name or a mask used to select printer layouts that match the mask.

QSTATE   -display qstate -qid

Long Form	Short Form	Description
-display qstate	-D qstate	Display the queue state of a batch input session. The state of the queue is indicated by the following exit codes: • 10 = 'C" to be created • 12 = ' ' unprocessed • 14 = 'F' finished • 16 = 'E' error • 18 = undefined
-qid *QID*	-q *QID*	Queue ID associated with the batch input session.

REPORTS   -display reports [-abapname] [-count]

Long Form	Short Form	Description
-display reports	-D reports	Displays a list of ABAP reports that match the specified criteria.
-abapname *abapmask*	-a *abapmask*	Complete ABAP name or a mask used to select SAP ABAP reports that match the mask.
-count *max_hit_count*	n/a	Maximum number of ABAP reports to be returned.

SELECT   -display select -jobname [-jobid] [-output] [-selusername] [-fromdate] [-todate] [-fromtime] [-totime]
              [-nodate] [-withpred] [-released] [-scheduled] [-ready] [-running] [-finished] [-aborted]

Long Form	Short Form	Description
-display select	-D select	Display a list of jobs that match the job selection criteria.
-jobname *jobname_pattern*	-j *jobname_pattern*	Complete or partial jobname search criteria using wildcards.
-jobid *jobid*	-b *jobid*	Complete or partial jobid search criteria using wildcards.
-output *format_string*	-o *format_string*	Comma-delimited list of fields to display. The fields correspond with the fields in the BAPIXMJOB structure defined in the SAP system.
-selusername	n/a	Complete or partial username search criteria using wildcards.
-fromdate *date*	n/a	Earliest planned start date to include in the selection. Format is YYYY/MM/DD.

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Long Form	Short Form	Description
-todate *date*	n/a	Latest planned start date to include in the selection. Format is YYYY/MM/DD.
-fromtime *time*	n/a	Earliest planned start time to include in the selection. Format is HH:MM:SS.
-totime *time*	n/a	Latest planned start time to include in the selection. Format is HH:MM:SS.
-nodate *option*	n/a	Include jobs with no start date in selection criteria if <opt> is YES.
-withpred *option*	n/a	Include jobs with predecessors in selection criteria if <opt> is YES.
-released *option*	n/a	Include jobs with status `released` in selection criteria if <opt> is YES.
-scheduled *option*	n/a	Include jobs with status `scheduled` in selection criteria if <opt> is YES.
-ready *option*	n/a	Include jobs with status `ready` in selection criteria if <opt> is YES.
-running *option*	n/a	Include jobs with status `running` in selection criteria if <opt> is YES.
-finished *option*	n/a	Include jobs with status `finished` in selection criteria if <opt> is YES.
-aborted *option*	n/a	Include jobs with status `aborted` in selection criteria if <opt> is YES.

SPOOLLIST   -display spoollist -jobname -jobid -stepnum

Long Form	Short Form	Description
-display spoollist	-D spoollist	Display the spoollists of a SAP job.
-jobname *jobname*	-j *jobname*	Name of the SAP job.
-jobid *jobid*	-b *jobid*	ID of the SAP job.
-stepnum *stepnumber*	-n *stepnumber*	Step number of the SAP job step.
-max_spool_size *size*	n/a	Maximum size for spool lists.

STATUS   -display status -jobname -jobid

Long Form	Short Form	Description
-display status	-D status	Display the status of a SAP job.
-jobname *jobname*	-j *jobname*	Name of the SAP job.
-jobid *jobid*	-b *jobid*	ID of the SAP job.

SYSLOG   -display syslog -fromdate -todate [-fromtime] [-totime] [-pagelimit] [-targetserver]

Long Form	Short Form	Description
-display syslog	-D syslog	Display a portion of the SAP system log that matches the criteria specified.
-fromdate *date*	n/a	Earliest date to include in the selection. Format is YYYY/MM/DD.
-todate *date*	n/a	Latest date to include in the selection. Format is YYYY/MM/DD.
-fromtime *time*	n/a	Earliest time to include in the selection. Format is HH:MM:SS.
-totime *time*	n/a	Latest time to include in the selection. Format is HH:MM:SS.
-pagelimit *limit*	n/a	Maximum number of pages that can be returned in the syslog report. Valid values are 1-999. [Default is 999.]
-targetserver *server*	-r	Name of server to retrieve syslog from. [Default is current server.]

VARIANT   -display variant -variant -variant_language -abapname

Long Form	Short Form	Description
-display variant	-D variant	Display the contents of an SAP variant.
-variant *variant*	-V *variant*	SAP variant name.
-variant_language language	n/a	Language in which to return the variant description.
-abapname *abapname*	-a *abapname*	SAP ABAP program name.

VARIANTS   -display variants -abapname [-varselopt]

Long Form	Short Form	Description
-display variants	-D variants	Display the variants of a SAP ABAP program.
-abapname *abapname*	-a *abapname*	SAP ABAP program name.
-varselopt *option*	n/a	Variant selection option: • A – Variants that are available for batch and dialog. • B – Batch only variants.

GENERATE   {JOBDEF | VARDEF}

JOBDEF   -generate jobdef -j -b [-xmiaudit]

Long Form	Short Form	Description
-generate jobdef	n/a	Generates a USAP job definition file based on the specified SAP job definition. The generated job definition is written to standard output.
-jobname *jobname*	-j *jobname*	Name of the SAP model job.
-jobid *jobid*	-b *jobid*	ID of the SAP model job.

VARDEF   -generate vardef -variant -abapname [-xmiaudit]

Long Form	Short Form	Description
-generate vardef	n/a	Generates a USAP variant definition file based on the specified variant. The generated variant definition is written to standard output.
-variant *variant_name*	-V *variant_name*	SAP variant name.
-abapname *abapname*	-a *abapname*	SAP ABAP program name.

MODIFY   -mod {*filename* [-jobid] } [START] [WAIT] [PURGE]

Long Form	Short Form	Description
-mod	-M	Modify job or variant in a SAP system.
filename	n/a	USAP definition file containing the modifications of an SAP job or SAP variant.
-jobid <jobid>	-b <jobid>	Job ID of an existing SAP job to modify.

PURGE   -purge -jobname -jobid

Long Form	Short Form	Description
-purge	-P	Purge a job on the SAP system.
-jobname *jobname*	-j *jobname*	Name of the SAP job to purge.
-jobid *jobid*	-b *jobid*	ID of the SAP job to purge.

RAISE EVENT   -raise_bp_event -event_id [-event_parm]

Long Form	Short Form	Description
-raise_bp_event	-E	Raises the specified SAP background processing event.
-event_id *id*	n/a	Name of the event.
-event_parm *parm*	n/a	Optional parameter value for the event.

RUN   -run { *job_definition_file* | -jobname -jobid} [-Immediate] [-targetserver] [-target_jobname]
               [-target_variant] [-poll]

Long Form	Short Form	Description
-run	-R	Define a job, start the job, wait for the job to complete, write the joblog to stderr, write the spoollist to stdout, and delete the job from the SAP system.
job_definition_file	*job_definition_file*	Job definition file containing the specification of a SAP job.
-jobname *jobname*	-j *jobname*	Existing SAP job name to use as a model for a new SAP job.
-jobid *jobid*	-b *jobid*	Job ID of an existing SAP job to use as a model.
-immediate	-i	Attempt to start the job immediately. If the job cannot be started immediately, an error is returned and the job is not waiting to run. [Default is to start the job as soon as possible.]
-targetserver *server*	-r *server*	Target server for the job to run on. (Not available on SAP 3.1 and 4.0 systems.)
-target_jobname *jobname*	n/a	Name to give newly created job. Default is the original jobname. (Only applies when running a pre-existing SAP job.)
-target_variant *job step,variant name; job step,variant name;…*	n/a	One or more replacement variants for ABAP program job steps in an SAP job.
-poll *seconds*	-p *seconds*	Seconds to wait to check the SAP job status. [Default is 10.]

START   -start -jobname -jobid [-immediate] [-targetserver] [WAIT] [PURGE]

Long Form	Short Form	Description
-start	-S	Start a defined job on the SAP system.
-jobname *jobname*	-j *jobname*	Name of the SAP job to start.
-jobid *jobid*	-b *jobid*	ID of the SAP job to start.
-immediate	-i	Attempt to start the job immediately. If the job cannot be started immediately, an error is returned and the job is not waiting to run. [Default is to start the job as soon as possible.]
-targetserver *server*	-r *server*	Target server for the job to run on. (Not available on SAP 3.1 and 4.0 systems.)

SUBMIT   -sub {*definition_file* | -jobname -jobid} [-target_jobname] [-target_variant] [START] [WAIT] [PURGE]

Long Form	Short Form	Description
-sub	-U	Define a new job or variant to the SAP system.
definition_file	n/a	USAP definition file containing the specification of an SAP job or SAP variant.
-jobname *jobname*	-j *jobname*	Existing SAP job name to use as a model for a new SAP job.
-jobid *jobid*	-b *jobid*	Existing SAP Job ID to use as a model for a new SAP job
-target_jobname *jobname*	n/a	Name to give newly created job. Default is original jobname. (Only applies when running a pre-existing SAP job.)
-target_variant *job step,variant name; job step,variant name;…*	n/a	One or more replacement variants for ABAP program job steps in an SAP job.
-max_log_size *size*	n/a	Maximum size for job logs.
-max_spool_size *size*	n/a	Maximum size for spool lists.

SYNTAX   -syntax *filename*

Long Form	Short Form	Description
-syntax	-X	Checks the syntax of a Universal Connector job definition file.
filename	n/a	Job definition file to check for valid syntax.

WAIT   -wait [-jobname -jobid] [-poll] [-spoollist] [-joblog] [-applog] [-printapprc] [-useapprc] [-transtab] [-purge] [-syslog [-syslogpre] [-syslogpost]] [-max_log_size] [-max_spool_size]   [EXITCODES]

Long Form	Short Form	Description
-wait	-W	Wait for the job to complete. Default final status codes are: • active_exit_code [config default = 10] • ready_exit_code [config default = 12] • scheduled_exit_code [config default = 14] • released_exit_code [config default = 16] • terminated_exit_code [config default = 8] • finished_exit_code [config default = 0] • UNKNOWN = 22 NOTE: If –useapprc is YES, and the SAP program sets an application return code, USAP will compare this with the other exit code mapping values. The highest value will be returned as the exit code.
-jobname *jobname*	-j *jobname*	Name of the SAP job to wait for.
-jobid *jobid*	-b *jobid*	ID of the SAP job to wait for.
-poll *seconds*	-p *seconds*	Seconds to wait to check the SAP job status. Default is 10.
-spoollist <opt>	-s <opt>	Specification for whether or not to write the spoollist to standard output. Valid values are YES and NO. [Default is YES.]

Long Form	Short Form	Description
-joblog *option*	-g *option*	Specification for whether or not to write the joblog to standard error. Valid values are YES and NO. [Default is YES.]
-applog *option*	n/a	Specification for whether or not the job's application log is returned (*option* can be YES or NO. Default is YES).
-printapprc *option*	n/a	Specification for whether or not the job's application return codes are returned (*option* can be YES or NO. Default is YES).
-useapprc *option*	n/a	Specification for whether or not the job's application return codes are used to determine the exit code of the Universal Connector job (*option* can be YES or NO. Default is NO).
-transtab *translation_table*	-t	Translation table file to use for formatting spoollists.
-purge	-P	Delete the job from the SAP system upon completion.
-syslog *option*	-y *option*	Write the syslog to standard error upon unsuccessful completion of job if <opt> is YES. [Default is YES.]
-syslogpre *seconds*	n/a	Number of seconds prior to job release that will be included in the syslog. [Default is 0.]
-syslogpost *seconds*	n/a	Number of seconds past the job end time that will be included in the syslog. This will cause USAP to sleep for the specified number of seconds after the job ends before retrieving the syslog.
-max_log_size *size*	n/a	Maximum size for job logs.
-max_spool_size *size*	n/a	Maximum size for spool lists.

MASS ACTIVITY WAIT   -mawait [-jobname -jobid] [-poll] [-job_stat_check_interval] [-joblog] [-applog] [-printapprc] [-useapprc] [-transtab] [-purge] [-syslog [-syslogpre] [-syslogpost]] [EXITCODES]

Long Form	Short Form	Description
-mawait	n/a	Wait for the mass activity to complete. Default final status codes are: • active_exit_code [config default = 10] • ready_exit_code [config default = 12] • scheduled_exit_code [config default = 14] • released_exit_code [config default = 16] • terminated_exit_code [config default = 8] • finished_exit_code [config default = 0] • UNKNOWN = 22 NOTE: If –useapprc is YES, and the SAP program sets an application return code, USAP will compare this with the other exit code mapping values. The highest value will be returned as the exit code.
-jobname *jobname*	-j *jobname*	Name of the SAP job to wait for.
-jobid *jobid*	-b *jobid*	ID of the SAP job to wait for.
-poll *seconds*	-p *seconds*	Seconds to wait to check the SAP job status. Default is 10.

Long Form	Short Form	Description
-job_stat_check_interval	n/a	Seconds that can elapse, without a change in job status, before a call is made to synchronize the actual job status with the SAP stored status. Default is 600.
-joblog *option*	-g *option*	Specification for whether or not to write joblog to standard error. Valid values are YES and NO. [Default is YES.]
-applog *option*	n/a	Specification for whether or not the job's application log is returned (*option* can be YES or NO. Default is YES).
-printapprc *option*	n/a	Specification for whether or not the job's application return codes are returned (*option* can be YES or NO. Default is YES).
-useapprc *option*	n/a	Specification for whether or not the job's application return codes are used to determine the exit code of the Universal Connector job (*option* can be YES or NO. Default is NO).
-transtab *translation_table*	-t	Translation table file to use for formatting spoollists.
-purge	-P	Delete the job from the SAP system upon completion.
-syslog *option*	-y *option*	Write the syslog to standard error upon unsuccessful completion of job if *option* is YES. [Default is YES.]
-syslogpre *seconds*	n/a	Number of seconds prior to job release that will be included in the syslog. [Default is 0.]
-syslogpost *seconds*	n/a	Number of seconds past job end time that will be included in the syslog. This will cause USAP to sleep for the specified number of seconds after the job ends before retrieving the syslog.

BDCWAIT   *-bdcwait [-jobname -jobid] [-poll] [-job_stat_check_interval] [-joblog] [-applog] [-printapprc] [-useapprc] [-transtab] [-purge] [-purge_bdc_map] [-syslog [-syslogpre] [-syslogpost]] [-bdcjobnameptrn] [-bdcjobidptrn] [-bdcqidptrn] [EXITCODES]*

Long Form	Short Form	Description
-bdcwait	n/a	Wait for the batch input session to complete processing. Default final status codes are: • qtobecreated_exit_code [config default = 14] • qunprocessed_exit_code [config default = 12] • qinbackground_exit_code [config default = 10] • qerror_exit_code [config default = 16] • terminated_exit_code [config default = 8] • qfinished_exit_code [config default = 0] • UNKNOWN = 22 NOTE: If –useapprc is YES, and the SAP program sets an application return code, USAP will compare this with the other exit code mapping values. The highest value will be returned as the exit code.
-jobname *jobname*	-j *jobname*	Name of the SAP job to wait for.
-jobid *jobid*	-b *jobid*	ID of the SAP job to wait for.

Long Form	Short Form	Description
-poll *seconds*	-p *seconds*	Seconds to wait to check the SAP job status. Default is 10.
-job_stat_check_interval	n/a	Seconds that can elapse, without a change in job status, before a call is made to synchronize the actual job status with the SAP stored status. Default is 600.
-joblog *option*	-g *option*	Specification for whether or not to write the joblog to standard error (*option* can be YES or NO. Default is YES].
-applog *option*	n/a	Specification for whether or not the job's application log is returned (*option* can be YES or NO. Default is YES).
-printapprc *option*	n/a	Specification for whether or not the job's application return codes are returned (*option* can be YES or NO. Default is YES).
-useapprc *option*	n/a	Specification for whether or not the job's application return codes are used to determine the exit code of the Universal Connector job (*option* can be YES or NO. Default is NO).
-transtab *translation_table*	-t	Translation table file to use for formatting spoollists.
-purge	-P	Delete the job from the SAP system upon completion.
-purge_bdc_map *option*	n/a	Specification for whether or not USAP will delete the batch input session queues that have been processed successfully (*option* can be YES or NO).
-syslog *option*	-y *option*	Write the syslog to standard error upon unsuccessful completion of job if *option* is YES. [Default is YES.]
-syslogpre *seconds*	n/a	Number of seconds prior to job release that will be included in the syslog. [Default is 0.]
-syslogpost *seconds*	n/a	Number of seconds past the job end time that will be included in the syslog. This will cause USAP to sleep for the specified number of seconds after the job ends before retrieving the syslog.
-bdcjobnameptrn *pattern*	n/a	Locates the header record and determines the offset of the job name in the RSBDCSUB batch input processing report.
-bdcjobidptrn *pattern*	n/a	Locates the header record and determines the offset of the job ID in the RSBDCSUB batch input processing report.
-bdcqidptrn *pattern*	n/a	Locates the header record and determines the offset of the queue ID in the RSBDCSUB batch input processing report.

OPTIONS   { HOST USER [CFT] [COMMAND FILE] [EXIT CODES] [INFORMATIONAL] [LOCAL]
           [MESSAGE] [RFC] }

HOST   {-dest |-ashost -sysnr} -client -max_xbp -saplang –xmiaudit

Long Form	Short Form	Description
-dest *destination*	-e *destination*	Destination name in the saprfc.ini.
-ashost *hostname*	n/a	Host name of an SAP application server.
-sysnr *number*	n/a	SAP system number of an SAP application server.
-client *client*	-c *client*	SAP client number.
-max_xbp *version*	n/a	Maximum version of the SAP XBP interface that will be used during USAP execution.
-saplang *language*	n/a	SAP logon language used for the USAP session
-xmiaudit *level*	n/a	Sets the XMI audit level to be used for the execution of the command. The amount of information logged in the XMI log increases with higher audit level values. Valid values are 0, 1, 2, and 3. Default is 0.

USER   -userid -pwd

Long Form	Short Form	Description
-userid *userid*	-u *userid*	Remote SAP user ID with which the command runs.
-pwd *password*	-w *password*	Remote SAP user ID's password.

CFT   [-cmdid] [-restart] [-autorestartok] [-cft_abap] [-cft_cmd_prefix] [-cft_secure_cft] [-cft_target_host]

Long Form	Short Form	Description
-cmdid *id*	-C	Command identifier: associates an SAP job with the Universal Connector command that started it. This value facilitates fault tolerance/restartability.
-restart *option*	n/a	Identifies whether or not this instance of the USAP job is a restart attempt. <opt> can be NO, YES or AUTO. If YES or AUTO, -cmdid is required.
-autorestartok *option*	n/a	Controls whether or not 'AUTO' is allowed for the -restart option. <opt> can be YES or NO. Default is NO.
-cft_cmd_prefix *prefix*	n/a	Prefix command required for the operating system of the target host. This option is used with (and only applies to) the command ID option.
-cft_target_host *host*	n/a	Target host to use for the command ID job step when the command ID option is used.
-cft_abap *program*	n/a	ABAP program to use for the command ID job step..
-cft_secure_cft *option*	n/a	Mode of client fault tolerance to be used for the command invocation.

COMMAND FILE   [-file | -encryptedfile [-key]]

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

EXIT CODES   [-activeec] [-readyec] [-scheduledec] [-releasedec] [-terminatedec] [-finishedec]

Long Form	Short Form	Description
-activeec *exitcode*	n/a	USAP exit code for the job active status.
-readyec *exitcode*	n/a	USAP exit code for the job ready status.
-scheduledec *exitcode*	n/a	USAP exit code for the job scheduled status.
-releasedec *exitcode*	n/a	USAP exit code for the job released status.
-terminatedec *exitcode*	n/a	USAP exit code for the job terminated status.
-finishedec *exitcode*	n/a	USAP exit code for the job finished status.

INFORMATIONAL   { -help | -version }

Long Form	Short Form	Description
-help	-h	Writes help text.
-version	-v	Writes program version and exit.

LOCAL   [-system_id] [-bif_directory] [-plf_directory]

Long Form	Short Form	Description
-system_id *id* [z]	n/a	Local Universal Broker with which USAP must register.
-bif_directory *directory* [u]	n/a	Broker Interface File (BIF) directory where the Universal Broker interface file is located
-plf_directory *directory* [u]	n/a	Program Lock File (PLF) directory where the program lock files are located.
[z] Valid only with z/OS. [u] Valid only with UNIX.		

MESSAGE   [-level] [-lang] [-trace_file_lines] [-trace_table]

Long Form	Short Form	Description
-level *level*	-l <level>	Message level: trace, audit, info, warn, or error.
-lang *language*	-L <lang>	Message and text language.
-trace_file_lines *lines*	n/a	Maximum number of lines to write to the trace table.
-trace_table *size,condition*	n/a	Trace table size, and under what condition it is written to a file.

RFC   [-rfc_listen_interval] [-rfc_logon_retry_count] [-rfc_logon_retry_interval] [-rfc_retry_count]
           [-rfc_retry_interval] [-rfc_timeout] [-rfc_trace_dir]

Long Form	Short Form	Description
-rfc_listen_interval *interval*	n/a	Number of seconds that will elapse between RFC listen calls. These are polling calls that are performed repeatedly to determine if an RFC event is available.
-rfc_logon_retry_count *count*	n/a	Number of unsuccessful RFC logon retry attempts that can occur before USAP terminates the logon process and ends unsuccessfully.
-rfc_logon_retry_interval *interval*	n/a	Number of seconds that will elapse between a failed RFC logon attempt and the retry of that logon attempt.
-rfc_retry_count *count*	n/a	Number of unsuccessful RFC call retry attempts that can occur before USAP terminates the RFC call retry process and ends unsuccessfully.
-rfc_retry_interval *interval*	n/a	Number of seconds that will elapse between a failed RFC call and the retry of that RFC call.
-rfc_timeout *interval*	n/a	Time constraint on all RFC functions, with the exception of blocking connection calls: the number of seconds that can elapse before USAP considers an RFC call to have timed out.
-rfc_trace_dir *path*	n/a	Directory where RFC trace files will be written. The default value is /tmp.

ENVIRONMENT VARIABLES

The following table contains the environment variables that Universal Connector uses. The first column is their equivalent command line option. Command line options override environment variable settings.

Command Line Option	Environment Variable
-userid	USAPUSERID
-pwd	USAPPWD
-level	USAPDLEVEL
-lang	USAPDLANG
-sub	USAPSUBMIT
-mod	USAPMODIFY
-run	USAPRUN
-start	USAPSTART
-abort	USAPABORT
-purge	USAPPURGE
-wait	USAPWAIT
-syntax	USAPSYNTAX
-dest	USAPDEST
-client	USAPCLIENT
-targetserver	USAPTARGETSRV
-jobname	USAPJOBNAME
-jobid	USAPJOBID
-stepnum	USAPSTEPNUM
-abapname	USAPABAPNAME
-varselopt	USAPVARSELOPT
-poll	USAPPOLL
-transtab	USAPTRANSTAB
-spoollist	USAPSPOOLLIST
-joblog	USAPJOBLOG
-output	USAPOUTPUT
-selusername	USAPSELUSERNAME
-fromdate	USAPFROMDATE
-todate	USAPTODATE
-fromtime	USAPFROMTIME
-totime	USAPTOTIME
-nodate	USAPNODATE
-withpred	USAPWITHPRED
-released	USAPRELEASED

Command Line Option	Environment Variable
-scheduled	USAPSCHEDULED
-ready	USAPREADY
-running	USAPRUNNING
-finished	USAPFINISHED
-aborted	USAPABORTED
-xmiaudit	USAPXMIAUDIT
-activeec	USAPACTIVEEXITCODE
-readyec	USAPREADYEXITCODE
-scheduledec	USAPSCHEDULEDEXITCODE
-releasedec	USAPRELEASEDEXITCODE
-terminatedec	USAPTERMINATEDEXITCODE
-finishedec	USAPFINISHEDEXITCODE
-rfc_timeout	USAP_RFC_TIMEOUT
-rfc_logon_timeout	USAP_RFC_LOGON_TIMEOUT
-rfc_logon_retry_interval	USAP_RFC_LOGON_RETRY_INTERVAL
-rfc_logon_retry_count	USAP_RFC_LOGON_RETRY_COUNT
-rfc_listen_interval	USAP_RFC_LISTEN_INTERVAL
-rfc_retry_interval	USAP_RFC_RETRY_INTERVAL
-rfc_retry_count	USAP_RFC_RETRY_COUNT

Example

The following example:
1. Defines a SAP job based on the job definition in file sapjob1.usp.
2. Starts the job.
3. Waits for its completion.

The job's joblog is written to standard error and the job's spoollists are written to standard output.

usap -userid MYUSER -pwd MYPASS -dest BIN_HS0011 -client 900 -sub sapjob1.usp -start –wait