

Exit Code Appendix

AutoSys Release: 11.3 SP1

Intended Audience: Business

Exit codes are viewable in several locations in the Workload Control Center.

In online views:

Select	Name	Box Name	Start Time	End Time	Status	Run	Priority	Exit Code
<input type="checkbox"/>	 ACPA2PN.UMFAP001_USTORES		Apr 1, 2013 1:37:42 PM	Apr 1, 2013 1:37:42 PM		5440/1		1
<input type="checkbox"/>	 ACPAEBN.FS_BP_VCHR_NGHTLY	ACPAEBN.Nightly		Apr 18, 2013 11:38:59 AM		0/0		1
<input type="checkbox"/>	 ACPAEBN.Nightly			Apr 18, 2013 11:38:59 AM		0/0		1
<input type="checkbox"/>	 ACPAEBN.Posting	ACPAEBN.Nightly				0/0		

In error logs:

```

Run Status at end of proc 10 ( Not Successful )
[010]
The requested program discovered an error and voluntarily
set the runstatus to 10 (FAILURE) instead of 9 (SUCCESS).

PeopleSoft(6)->adapter: exiting with status 10 at Tue Apr 30 08:56:57 2013
  
```

The table on the following pages shows many of the exit codes and their descriptions

Exit Code	Specific to PeopleSoft?	Description
000		Successful.
001	yes	Indicates the command contained a syntax error, see the auto_ps7 Appendix for a recap of the auto_ps7 command syntax.
001		Catchall for general errors, (Miscellaneous errors, such as "divide by zero" and other impermissible operations).
002		Indicates that the back-end server is not available or the EiamAdmin user account password is invalid. Misuse of shell built-ins. Missing keyword or command.
003	yes	The Adapter changed the runstatus from 6 (INITIATED) or 7 (RUNNING). If the runstatus was 6, the program had a serious error during startup, or the program was not API aware. If the runstatus was 7, the program exited without going through the API-aware routine to update the runstatus in the Process Request table. This may also indicate that the program aborted and possibly created a core file.
008	yes	The Adapter received a signal from the AutoSys console or from the command line. The requested program was killed, and the runstatus was changed to 8 in the Process Request table. Or A user cancelled an ad hoc job through the ProcessMonitor.
010	yes	The requested program discovered an error and voluntarily set the runstatus to 10 (FAILURE) instead of 9 (SUCCESS).
016	yes	Unable to allocate storage for request. Memory allocation error.
126		Command invoked cannot execute. Permission problem or command is not an executable.
127		Command not found. Possible typo, or problem with the path.
128		Invalid argument to exit, (exit takes only integer argument sin the range 0-255)
200	yes	Adapter license expired.
201	yes	Missing line in \$AUTOUSER/.license
202	yes	Missing environment variable \$AUTOUSER. Either the adapter is being run from the command line without setting up the AutoSys environment or there is a problem within AutoSys.
203	yes	Missing environment variable \$AUTOSERV. Either the adapter is being run from the command line without setting up the AutoSys environment or there is a problem with in AutoSys
204	yes	The key generated using system information does not match the encrypted key in the \$AUTOUSER/.license file. For permanent keys, ensure the license key is generated using the same IP address as that in the license file. For temporary keys, ensure that the date is entered exactly as shown, including leading zeros for month and date.
205	yes	Invalid expiration date in \$AUTOUSER/.license. Format should be MM/DD/YYYY.

Exit Code	Specific to PeopleSoft?	Description
206	yes	Error opening \$AUTOUSER/.license. This normally means that the file cannot be found or the specified user does not have read permission on the file.
207	yes	An error occurred while trying to connect to an unsupported PeopleTools version.
209	yes	Invalid command-line switch. The auto_ps7 Command Syntax see the auto_ps7 Appendix for a recap of the auto_ps7 command syntax.
210	yes	An error occurred while trying to get the value of environment variable PS_INS which is specified on the command line. Verify that PS_INS is the name of the environment variable you have set up in auto.profile (UNIX) or the AutoSys Administrator (NT).
211	yes	An error occurred while trying to execute the requested program. Verify that the program has execute permissions.
212	yes	An error occurred while trying to open a file. If it is an input file, make sure that the specified path/file exists and that the file has read permissions. If it is an output file, make sure that the specified directory has execute and write permissions.
213	yes	A memory allocation error occurred while trying to create buffers for the database fields that will be retrieved from the Process Request table.
214	yes	The oprid must be in the PSOPRDEFN table before that oprid can run a program.
215	yes	This indicates one of the following: The programname on the command line is incorrect. <ul style="list-style-type: none"> ✓ A COBOL program could not be found in \$CBLBIN, nor in \$PS_HOME/bin. Verify the \$CBLBIN is set correctly. ✓ A SQR program could not be found in \$PS_SQR, \$PS_SQR1, \$PS_SQR2, \$PS_SQR3, \$PS_SQR4 (UNIX) or in \$PSSQR1, \$PSSQR2, \$PSSQR3, \$PSSQR4 (NT). ✓ The complete path and program were specified on the command line and it is incorrect
216	yes	The Adapter was unable to determine the PARMLIST for the COBOL SQL or Application Engine program. A string with at least five slashes was expected.
217	yes	An error was detected while trying to access PS_PRCSTYPEDEFN. This table has a row that defines the PARM_LIST for PSRUN.
218	yes	An error was detected while trying to access PS_PRCSTDEFN. This table may have a row that defines overrides to the PARM_LIST retrieved from PS_PRCSTYPEDEFN.
219	yes	An error was detected while trying to get a Process Instance number for a job.
220	yes	An error occurred while trying to execute the autorep program. This program is executed in order to load the names of existing boxes into memory.



Exit Code	Specific to PeopleSoft?	Description
221	yes	An error occurred while trying to execute the JIL program. This program is executed in order to feed the definition of the ad hoc job to AutoSys.
222	yes	An error occurred while trying to execute sqr. Verify that the program is executable and that SQRDIR points to the directory that has the sqr executable (not to the directory that has the .sqr file).
223	yes	This indicates one of the following: <ul style="list-style-type: none">✓ For SQR programs, the argument following the -M switch is not a regular file. Normally it is the allmaxes.max or an equivalent file.✓ The argument following the -I switch is a list of comma-separated directories. The directories contain the .sqr files included in SQR programs. At least one item in the list is not a directory.
224	yes	The environment variable ADHOC_SERVERS is followed by a comma-separated list of servernamerun's, for example, ADHOC_SERVERS=PSUNIX,PSNT. The servernamerun must have only alphanumeric characters as well as underscore. Other characters will cause this error.
225	yes	A bind variable of the form :RecordName.ColumnName was found in the command line. An error was detected while trying to access PS_<RecordName> with a matching OprId and RunControlId.
226	yes	The nVision-ReportBook is not defined. Define the ReportBook by: Go, PeopleTools, ReportBooks, Use, Report Book Definition, Add
227	yes	An error was detected while trying to access PS_PRCSTYPEDEFN. This table has a row that defines the sqrconnectstring, sqrparms (for NT), and sqrflags to be used in the command line.
228	yes	An error was detected while trying to access PS_PRCSDDEFN. This table may have a row that defines overrides to the sqrparms and/or the sqrflags.
229	yes	Unable to connect to the PeopleSoft database in three attempts. Start by contacting a DBA to determine if all necessary components of the database are functioning correctly.
232	yes	An error occurred trying to report a database error. Either the Adapter's memory is corrupt or the database is no longer accessible.
233	yes	A database error has occurred.
234	yes	Apparently PeopleSoft is using a database currently not supported by the Adapter.
235	yes	\$ODBCDIR/lib is missing from the Library Path environment variable. This is usually caused by not appending the Library Path to itself when setting the value in the psconfig.sh.
236	yes	You have a three-tier NT configuration. Add the following line to your configuration file: PSOFT_DBTYPE=database type(ORACLE,SYBASE,DB2,INFORMIX) PSOFT_DBNAME=name of database



Exit Code	Specific to PeopleSoft?	Description
237	yes	You must adjust the following lines in your configuration file to point to the correct path in your registry. PSoft_REGT="HKEY_CURRENT_USER\SOFTWARE\PEOPLESOFT \PEOPLETOOLS\RELEASE7.5\STARTUP" PSoft_REGPS="HKEY_CURRENT_USER\SOFTWARE\PEOPLESOFT \PEOPLETOOLS\RELEASE7.5\Process Scheduler" Use regedit at the command line to help you find the correct path.
238	yes	The runcntlid must be in the PSPRCSRUNCNTL table.
241	yes	One or more switches on the command line were followed by incorrect arguments.
242	yes	The command line is incorrect. Refer to the chapter "Using the Adapter" to provide the correct arguments.
243	yes	The Adapter was unable to determine a password for the oprid. The password is specified in a file specified in .autorc.
244	yes	An environment variable is incorrect. The variable may be missing, or the value may be incorrect if a filename or directory was expected.
245	yes	Before accessing the ODBC library, the Adapter does some preliminary validation of the contents of the odbc.ini file. Some error has been detected.
246	yes	The Adapter was unable to process the psconfig.sh file. Either the file was not found or the Adapter was unable to evaluate a substitution string.
247	yes	An expected section was not found in the configuration file. Verify that the section is present and is typed in exactly the same case as indicated in the error message.
248	yes	There are multiple -f<dirname>s on the command line to be launched. The Adapter will not make up filenames for more than one -f. Specify a filename after each -f.
249	yes	The LASTPRCSINSTANCE column of the PS_PRCSSYSTEM table has been reset, most likely by a database restore or by the Process Scheduler GUI. Set it to a value greater than that shown in the error message.
255		Exit status out of range (exit takes only integer args in the range 0-255)
260	yes	Invalid distribution list syntax specified. The distribution list's format should be -c "U:userid,... R:roleid,...". For example, -c "U:JERRY,BERRY,CARRY R:ROLE1,ROLE2"
261	yes	Invalid user id or role id specified. Make sure the user id or role id is available in the PeopleSoft database.
262	yes	The Web posting directory is not available. Check for the validity of the three-tier installation. The Web server is not set up correctly.
263	yes	Distribution node information is not available. Check the Report Node Definition through the PSTools GUI.
264	yes	OPSYS is not set in the PS_CDM_DIST_NODE table with the specified DISTNODENAME.
265	yes	FTPDIRECTORY is not set in the PS_CDM_DIST_NODE table with the specified DISTNODENAME, or the DISTNODENAME is not correct.

Exit Code	Specific to PeopleSoft?	Description
266	yes	FTPADDRESS is not set in the PS_CDM_DIST_NODE table with the specified DISTNODENAME, or the DISTNODENAME is not correct.
267	yes	The system is configured using the FTP method for Web posting, but PSOFT_FTPID is not set in Adapter's configuration file.
268	yes	The system is configured using the FTP method for Web posting, but PSOFT_FTPPSWD is not set in Adapter's configuration file.
269	yes	Distribution node name is not available. PSOFT_DISTNODENAME is not set.

Notes:

Exit code information was taken from:

- 1) Appendix A, Unicenter AutoSys Adapter for PeopleSoft User Guide
- 2) Unicenter AutoSys Job Management Adapter for PeopleSoft User Guide