CERES Standard Exit Codes

Number	Name	Class	Meaning
0	SUCCESS	success	The process has terminated successfully.
1	SUCCESS_WQ	success	Success with some qualifications.
10	SUCCESS_NO_OUTPUT	success	The process was successful, but there were no archivable output data products.
11	SIGSEGV	posix	The process has made an invalid memory reference.
12	SUCCESS_SIMULATED	success	The process was successful when run with simulated data.
50	CATALYST_ERROR	catalyst	The CATALYST job automation software had an unknown error.
51	CATALYST_DELETED	catalyst	A particular CATALYST job has been deleted from the CATALYST system.
52	CATALYST_NOT_PLANNED	catalyst	A particular CATALYST job is not expected to ever run.
53	CATALYST_JOB_NOT_FOUND	catalyst	A particular CATALYST job is not found in the CATALYST job logging database.
54	CATALYST_JOB_RESUBMIT	catalyst	A particular CATALYST job has been resubmitted within the CATALYST system.
55	CATALYST_WONT_RUN	catalyst	A particular CATALYST job has been automatically marked to not run. This is set when CATALYST knows this job cannot run based on a predecessor job's exit or error condition.
56	CATALYST_PR_DELETED	catalyst	A CATALYST job contained in a deleted PR has been deleted. This exit code differs from CATALYST_DELETED in that the deletion is *not* used to influence a successor job's "can start" condition.
57	CATALYST_JOB_STOPPED	catalyst	A CATALYST job's execution has been stopped by the user.
70	JSS_ERROR	jss	Non-specific JSS error.
71	JSS_MI_ERROR	jss	JSS missing input error.
72	JSS_EO_ERROR	jss	JSS existing output error.
73	JSS_MIEO_ERROR	jss	JSS missing input and existing output error.
74	JSS_NCP_ERROR	jss	JSS non-certified platform error.
75	JSS_DATE_ERROR	jss	JSS invalid date error.
76	JSS_DATERANGE_ERROR	jss	The process failed due to an invalid date range specification.
77	JSS_NOEXEC_ERROR	jss	The process failed on account of missing executables.

CERES Standard Exit Codes

Number	Name	Class	Meaning
78	JSS_ENV_ERROR	jss	The process failed on account of missing environment variables.
91	SGE_QSUB_ERROR	sge	The SGE qsub operation failed.
92	SGE_QDEL	sge	The SGE job has been qdel-ed by the user. Only retrieved using CATALYST.
99	RESERVED	reserved	Do not use. Signals job resubmit to the SGE queue master.
100	BLD_ERROR	blade	Blade non-specific error.
101	BLD_SSDIR_ERROR	blade	Blade subsystem directory not available.
140	DPO_ERROR	dpo	DPO non-specific error.
141	DPO_DC_ERROR	dpo	DPO disconnect error.
142	DPO_SYNC_ERROR	dpo	DPO synchronization error.
151	PCF_WRITE_ERROR	pcf	PCF file write error.
152	PCF_PARM_ERROR	pcf	PCF parameter error.
198	PCF_MISSING_ERROR	pcf	PCF missing error.
200	PGE_ERROR	pge	Non-specific PGE error.
201	PGE_DATA_ERROR	pge	Data integrity/corruption error.
239	PGE_HDFCOMP_ERROR	pge	PGE HDF compression error.
240	CLIB_ERROR	clib	Non-specific CERESlib error.
241	CLIB_MEC_ERROR	clib	CERESlib missing exit code error.
250	PLT_ERROR	plot	Non-specific plotting error.
251	PLT_IMGCONV_ERROR	plot	Plot image conversion error.
252	PLT_MISSING_ERROR	plot	Plot missing error.

CERES Standard Exit Codes Revision Record

The product Revision Record contains information pertaining to approved section changes. The table lists the date the Software Configuration Change Request (SCCR) was approved, the Release and Version Number, the SCCR number, a short description of the revision, and the revised sections. The authors are listed on the document cover.

CERES Standard Exit Codes Revision Record

Version Number	Description of Revision	Table(s) Affected
V1	• New document.	All
V2	• Added CATALYST class exit codes to list (SCCR 902).	All
V3	• Added exit code 99 to list as a reserved code.	All
V4	• Added additional CATALYST class exit codes to list (SCCR 937).	All
V5	• Added exit code 56 to CATALYST class exit code list (SCCR 937).	All
V6	• Added exit code 57 and 92 to support new job events in CATALYST delivery (SCCR 1065).	All