

NAME

`slurm_complete_job` – Slurm job completion call

SYNTAX

```
#include <slurm/slurm.h>

int slurm_complete_job (
    uint32_t job_id,
    uint32_t job_return_code
);
```

ARGUMENTS

job_id Slurm job id number.

job_return_code
Exit code of the program executed.

DESCRIPTION

slurm_complete_job Note the termination of a job. This function may only be successfully executed by the job's owner or user root.

RETURN VALUE

On success, zero is returned. On error, `-1` is returned, and Slurm error code is set appropriately.

ERRORS

SLURM_PROTOCOL_VERSION_ERROR Protocol version has changed, re-link your code.

ESLURM_INVALID_JOB_ID the requested job id does not exist.

ESLURM_ALREADY_DONE the specified job has already completed and can not be modified.

ESLURM_ACCESS_DENIED the requesting user lacks authorization for the requested action (e.g. trying to delete or modify another user's job).

ESLURM_INTERCONNECT_FAILURE failed to configure the node interconnect.

SLURM_PROTOCOL_SOCKET_IMPL_TIMEOUT Timeout in communicating with Slurm controller.

NOTE

These functions are included in the libslurm library, which must be linked to your process for use (e.g. `"cc -lslurm myprog.c"`).

COPYING

Copyright (C) 2002–2007 The Regents of the University of California. Copyright (C) 2008–2009 Lawrence Livermore National Security. Produced at Lawrence Livermore National Laboratory (cf, DISCLAIMER). CODE-OCEC-09-009. All rights reserved.

This file is part of Slurm, a resource management program. For details, see [<https://slurm.schedmd.com/>](https://slurm.schedmd.com/).

Slurm is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

Slurm is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

SEE ALSO

`slurm_get_errno(3)`, `slurm_perror(3)`, `slurm_strerror(3)`

