

Setting exit codes for actions

In this article

- About exit codes
- Setting a failure exit code in a JavaScript action
- Setting a failure exit code in a Docker container action

You can use exit codes to set the status of an action. GitHub displays statuses to indicate passing or failing actions.

About exit codes

GitHub uses the exit code to set the action's check run status, which can be `success` or `failure`.

Exit status	Check run status	Description
0	<code>success</code>	The action completed successfully and other tasks that depend on it can begin.
Nonzero value (any integer but 0)	<code>failure</code>	Any other exit code indicates the action failed. When an action fails, all concurrent actions are canceled and future actions are skipped. The check run and check suite both get a <code>failure</code> status.

Setting a failure exit code in a JavaScript action

If you are creating a JavaScript action, you can use the actions toolkit [@actions/core](#) package to log a message and set a failure exit code. For example:

```
try {
  // something
} catch (error) {
  core.setFailed(error.message);
}
```

For more information, see "[Creating a JavaScript action](#)."

Setting a failure exit code in a Docker container action

If you are creating a Docker container action, you can set a failure exit code in your `entrypoint.sh` script. For example:

```
if <condition> ; then
  echo "Game over!"
  exit 1
fi
```

For more information, see "[Creating a Docker container action](#)."

Legal

© 2023 GitHub, Inc. [Terms](#) [Privacy](#) [Status](#) [Pricing](#) [Expert services](#) [Blog](#)