Update GitHub Status

What is the Update GitHub Status Build Event Handler?

The 'Update Github Status Build Event Handler' is an event handler which interacts with the Github Status API. This feature allows Continua CI to mark commits within a GitHub repository with a success, failure, or pending state. The status can then be reflected in any pull requests involving those commits.

The event handler is set to automatically respond to the following Build Events:

- On Before Stage Start
- On Build Pending Promotion
- On Stage Completed
- On Build Stopping
- On Build Completed

The Pending status is sent when the On Before Stage Start event is triggered for a specified stage.
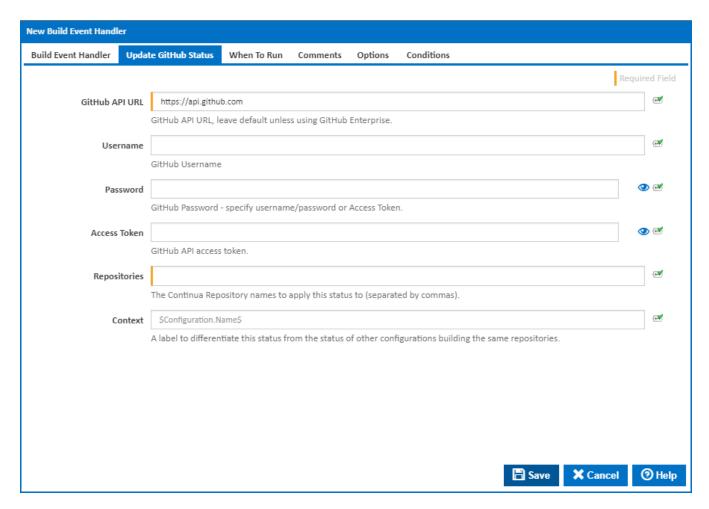
The Success status is sent when the On Stage Completed event is triggered for a specified stage, or optionally when the On Build Pending Promotion event fires - whichever is first.

The Failure status is sent when the On Stage Completed event is triggered for a specified stage or On Build Stopping, On Build Completed events are triggered and the build has failed.

Example use case

This event handler works fantastically as a pre-step within a pull request pipeline. ContinuaCI can be configured to automatically pull the request, build it, test it, and report back its status.

Update GitHub Status

GitHub URL

The URL of the GitHub API endpoint to be used (more specific details on this can be found: here).

Username

The GitHub Username used to login (this user should have access to the repository in question).

Password

The GitHub Password used to login (passwords should not contain any of the following characters: !:@).
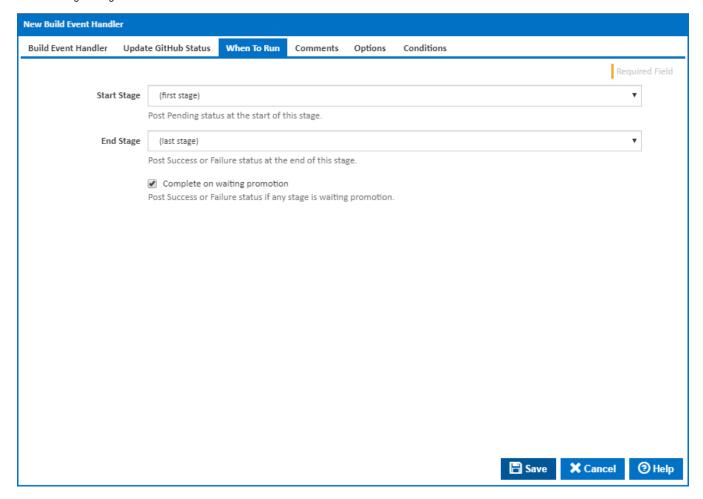
Access Token

The Access Token used to submit information to GitHub (A detailed explanation on how to create and maintain an access token can be found within the github documentation).

Repositories

A comma separated list of repository names to apply this status information to.

When To Run

Enter the stage timings when this event handler should be run.

Start Stage

The stage for the On Before Stage Start event when the 'Pending Comment' text will be sent .
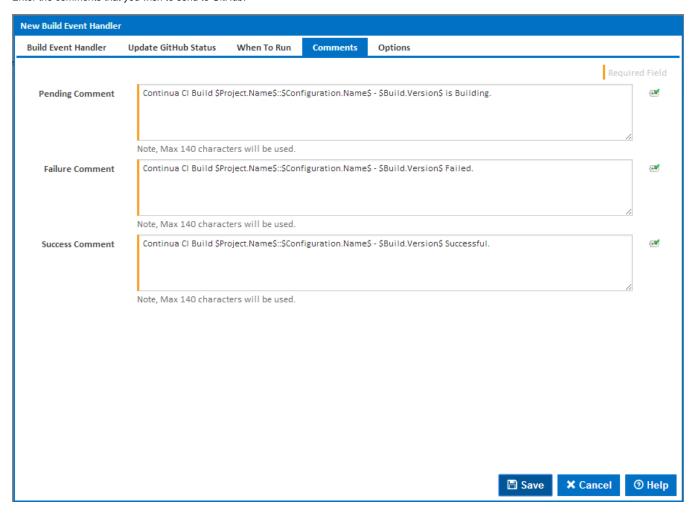
End Stage

The stage for the On Stage Completed event when the 'Success Comment' or 'Failure Comment' text will be sent.

Complete on Waiting Promotion

If any stage is awaiting promotion, send the Success or Failure Comment on the On Build Pending Promotion event.

Comments

Enter the comments that you wish to send to GitHub.

Pending Comment

The text of the comment that will be sent when the build hits the 'On Before Stage Start' event for the specified stage.
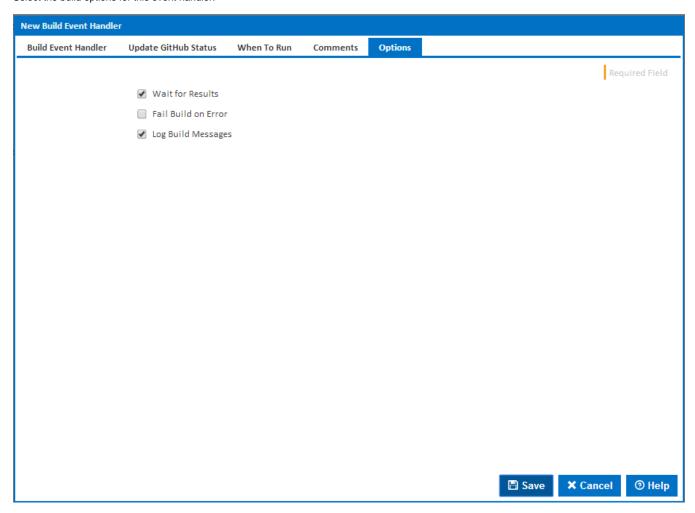
Failure Comment

The text of the comment that will be sent when build hits the 'On Stage Completed' event for the specified stage, and the build has failed.

Success Comment

The text of the comment that will be sent when build hits the 'On Stage Completed' event for the specified stage, and the build has succeeded.

Options

Select the build options for this event handler.

Wait for Results

Should the event handler wait for the result before proceeding. Unchecking this option will run the Event Handler in a separate thread.

Fail Build on Error

Whether or not to Fail the build if this event handler fails.

Log Build Messages

Whether or not logs for this event handler will be displayed in the build log.