

# STAF - STAX Plugin

## Plugin Information

No information for the plugin 'staf' is available. It may have been removed from distribution.

This plugin allows Jenkins to invoke a STAF command or launch a STAX job as a build step.

## About this plugin

This plugin is aimed at making it easy to launch Software Testing Automation Framework (STAF) commands and STAF eXecution engine (STAX) jobs as a build step within Jenkins.

STAF must be installed and running on the node running the build step. The STAX service must be available within your STAF environment in order to run STAX jobs.

## User guide

- Define the location of the STAF installation from Hudson's System Configuration page:

### Software Testing Automation Framework (STAF)

|                    |                        |   |  |
|--------------------|------------------------|---|--|
| STAF installations | Name                   | <input type="text" value="STAF"/>                     |  |
|                    | Installation directory | <input type="text" value="/Users/smithg/devel/staf"/> | <a href="#">?</a>                          |
|                    |                        |   | <input type="button" value="Delete STAF"/> |
|                    |                        | <input type="button" value="Add STAF"/>               |  |

List of STAF installations on this system

- Once the location of STAF is defined, the two types of build steps can be added to your job build:
- Example STAF command:

### Software Testing Automation Framework (STAF) [?](#)

|                   |                                   |                   |
|-------------------|-----------------------------------|-------------------|
| STAF installation | <input type="text" value="STAF"/> | <a href="#">?</a> |
| Endpoint          | <input type="text"/>              | <a href="#">?</a> |
|                   | Endpoint target for the request   |                   |
| Service           | <input type="text" value="ping"/> | <a href="#">?</a> |
|                   | Service to process the request    |                   |
| Request           | <input type="text" value="ping"/> | <a href="#">?</a> |
|                   | Request parameters to the service |                   |

- Example STAX job:

**STAF eXecution engine (STAX)**

STAF installation

File to Execute   
The STAX xml file to execute

Endpoint   
Endpoint target for the request

Function Name   
The name of the function within the STAX file to execute

Job Arguments   
Arguments to the STAX job

JDK installation   
JDK to use for execution

Fail build

The JDK used to run the STAX job can be configured to an alternate runtime, in order to match the architecture of the installed STAF instance. For example, set to a 32-bit JVM if you have the 32-bit version of STAF installed

## Additional documentation

- To get more information on STAF and STAX, see the [Software Testing Automation Framework](#) project page.

## Version history

### Version 0.1 (1/9/2010)

- Initial Release