

# SCM HttpClient Plugin

This plugin stores the scm changes and job build message as http request body to trigger service.

## Plugin Information

View SCM HttpClient [on the plugin site](#) for more information.

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## Introduction

The simple way to read the job build message, including the scm changeSets and job build message, which is used to trigger other service.

**i** Only `Git` and `Svn` based projects are supported.

## How it works?

While your job runs the plugin reads your build workspace to retrieve the build message via compare last with previous build SCM revision diffs. the diff are stored and use like `$(AFFECTED_PATH)`, `$(JOBBUILD_MESSAGE)`.

## Usage

Install this plugin via the Jenkins plugin manager.

After installation just activate the post build action named SCM HttpClient.

configuration:

**SCM HttpClient**

Save AFFECTED\_PATH

Save JOB\_BUILD\_MESSAGE

### Customer Expression

Regex string:

Add scmPath:

### Http Request

Send httpRequest

check if send http request.

URL:

HTTP mode:

Content-type:

Request body: 

```
{
  "type": "PRODUCTION",
  "group": "Default",
  "sourceType": "Jenkins",
  "aliases": "$(AFFECTED_PATH)",
  "parameter": {"CI": "$(JOB_BUILD_MESSAGE)}"
}
```

print on console:

```
-
the scm has changed...
inputStr [app/src/main/resources/scm.java] has matched item [src/main/resources/scm.java].
inputStr [src/com/Hello.txt] hasn't matched item.
URL:http://10.0.30.12:8080/api/execute/aliases
HttpMethod:POST
RequestBody:{{
  "type":"PRODUCTION",
  "group":"Default",
  "sourceType":"Jenkins",
  "aliases":[[{"testOne","testTwo","src/com/Hello.txt"},{"testOne","testTwo","src/main/resources/scm.java"}]],
  "parameter":{"CI": {"buildId":"22","commitInfo":{"affectedPaths":{"app/src/main/resources/scm.java","src/com/Hello.txt"},"author":"dev.support","commitId":"405457e8af2aba58d917cb2300cb4593a28abc51","message":"multi test"}}, "jobName":"tet","scmUrl":"https://github.com/chenqiaorui/AsTestProject.git"}
}}
```

Sending request to url: <http://10.0.30.12:8080/api/execute/aliases>

## Version history

### Version 1.0 (February 26, 2019)

- Initial release

### Version 1.1 (June 18, 2019)

- added Authorization for request