

# Dynatrace Test Automation Plugin for Atlassian Bamboo

## Overview



This plugin displays performance metrics captured by the Dynatrace Test Center Edition (for Unit, Performance, Web API and Browser-based tests) in Bamboo.

<b>Name and Version</b>	Dynatrace Plugin for Atlassian Bamboo
<b>Compatible with</b>	6.1+
<b>Author</b>	Jan Swaelens, Sofico NV
<b>License</b>	dynaTrace BSD
<b>Support Level</b>	Not Supported
<b>Download</b>	Install through the Atlassian Marketplace: <a href="https://marketplace.atlassian.com/plugins/be.sofico.bamboo.plugins.bamboo-dynatrace-plugin">https://marketplace.atlassian.com/plugins/be.sofico.bamboo.plugins.bamboo-dynatrace-plugin</a>

## Installation

Install via <https://marketplace.atlassian.com/plugins/be.sofico.bamboo.plugins.bamboo-dynatrace-plugin>

## Usage

**Configure the Dynatrace settings (in the Plan's Misc configuration section):**

## Miscellaneous

### Build expiry

Bamboo will remove expired data when the global build expiry schedule is triggered. You can override the global criteria for expired data, for this plan, in the settings below.

Override global build expiry configuration

This will enable and override build expiry for this build

### Configure Dynatrace Integration

Enable

Enable or Disable the Dynatrace Integration

### Configuration

Server Host

Specify the Dynatrace server host

Server Port

Specify the port for the REST interface (for example: 8020 for HTTP and 8021 for HTTPS)

User

Specify the user to access Dynatrace

Password

Specify the password for the configured user to access Dynatrace

System Profile

Specify the system profile containing the test automation data

### Advanced

Fail Build

Fail the build when the Test Automation reports the build as failed

## Screenshots

### Register a test run with Dynatrace (has to be executed BEFORE the tests are run)

Job details | **Tasks** | Requirements | Artifacts | Miscellaneous

### Tasks

A task is a piece of work that is being executed as part of the build. The execution of a script, a shell command, an Ant Task or a Maven goal are only. You can use runtime, plan and global variables to parameterize your tasks.

**Register Test Session**  
Create a test session before the tests are started

Source Code Checkout  
Checkout Default Repository

**Final tasks** Are always executed even if a previous task fails  
*Drag tasks here to make them final*

Add task

#### Register Test Session configuration

Task description

Disable this task

Test Category

The test category for the test run

Version Major

The major version indication

Version Minor

The minor version indication

Revision

The revision number for the changes included in the test

Platform

The platform used to launch the tests

## View the dynatrace test automation overview on the plan level



## Fail the build for performance degradation

The screenshot shows the Bamboo interface for a failed build. The build result summary indicates that the build failed. The error summary for the 'Default Job' states: "The Dynatrace Test Automation feature detected a performance regression, failing the build!".

**Build result summary**

Details

Completed 23 Oct 2014, 2:33:12 PM – 1 second ago

Duration 1 second

Labels None

Show more

**No failed tests found, a possible compilation error occurred.**

Write a comment...

**Error summary for Default Job**

The job generated some errors, drill down into the [full build log](#) for more details.

The Dynatrace Test Automation feature detected a performance regression, failing the build!