

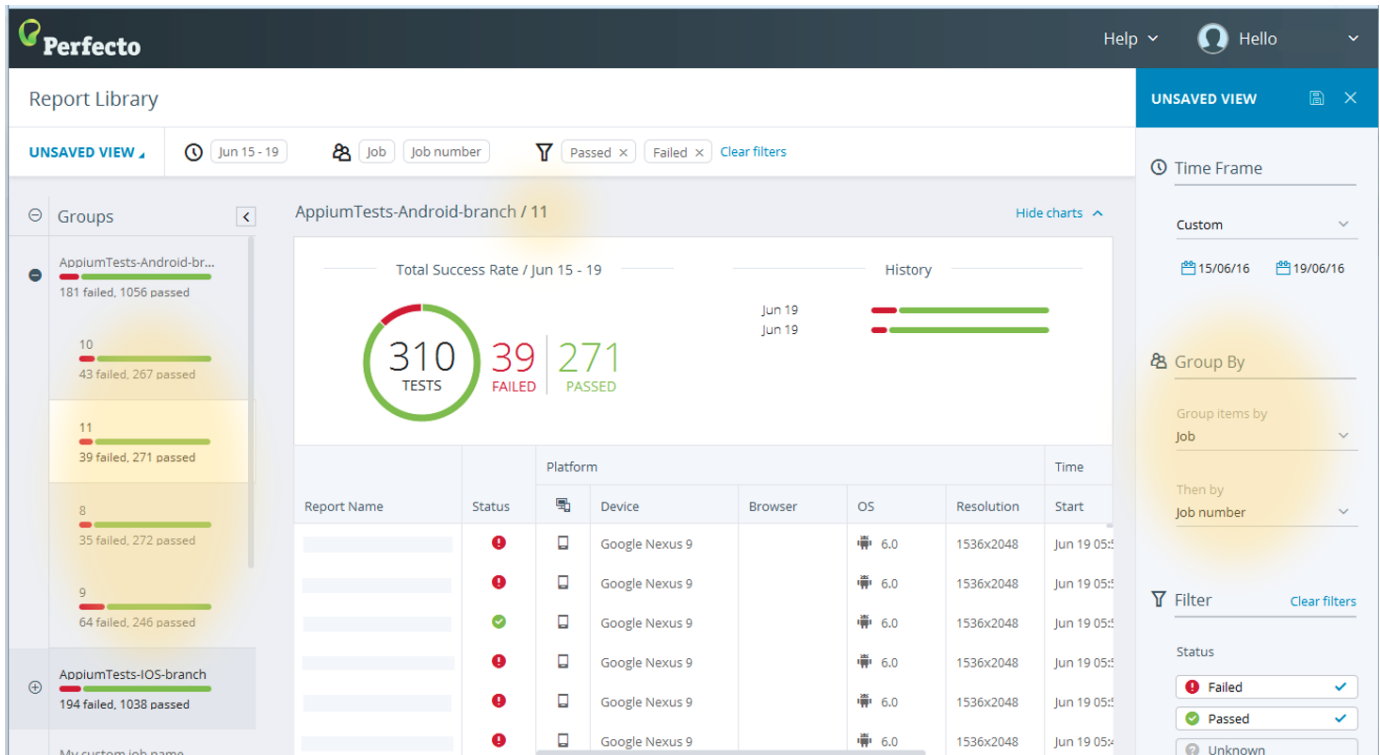
# Adding Reporting to TeamCity

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## Grouping tests by job & build in DigitalZoom Reporting

In order to view tests grouped by continuous integration system job and build, you need to provide the job name and build number into reporting as system variables. This will enable you to group your test executions in reporting first by job name and then by build number, providing you a complete overview of the build quality.



## Adding Job Name and Build Number parameters

TeamCity provides some default variables, for the complete list of TeamCity variables see [here](#). TeamCity variables can be used to provide to DigitalZoom Reporting the Job Name, Job Number parameters. To access these variables use the following format within your code:

```
${variableName}
```

Instead of **variableName** use **teamcity.buildConfName** and **build.number** to retrieve both and then pass them to *Reporting Client*.

## Maven or Ivy parameters

If you are running your tests using Maven or Ivy, add the following JVM parameters and (optionally) the Report-tags parameter:

```
-Dreportium-job-name=${teamcity.buildConfName} -Dreportium-job-  
number=${build.number} -Dreportium-job-branch=${myBranch} -Dreportium-  
tags=${myTag}
```

The **myTag** and **myBranch** value should be supplied by you (see below, how to add variables), the **teamcity.buildConfName** and **build.number** are supplied automatically by TeamCity.

To add CustomField pairs use the following format:

```
-DReportiumCustomFields=customField1=value1,customField2=value2
```

Java Parameters

JDK:   
JAVA\_HOME environment variable or the agent's own Java.

JVM command line parameters:  
`-DcloudUrl=%env.cloudUrl% -Dusername=%env.username%  
-Dpassword=%env.password% -Dreportium-job-  
number=%build.number% -Dreportium-job-  
name="%system.teamcity.buildConfName%"  
-DisSanity=true`

Code Coverage

Choose coverage runner:

## Additional Variables - tags

TeamCity provides a way to inject variables and use them in your project using the [Parameters](#) settings within your build configuration.

General Settings  
Version Control Settings 1  
Build Steps 3  
Triggers  
Failure Conditions  
Build Features  
Dependencies  
**Parameters 3**  
Agent Requirements

Last edited one month ago  
by Tal Levy (view history)

Based on  Beat Tests Sanity :: Beat Job template.

« Hide inherited parameters (3)

**Configuration Parameters**  
Configuration parameters are not passed into build, can be used in references only.

None defined

**System Properties (system.)**  
System properties will be passed into the build (without system. prefix), they are only supported by the build runners that understand the property notion.

None defined

**Environment Variables (env.)**  
Environment variables will be added to the environment of the processes launched by the build runner (without env. prefix).

Name	Value		
env.cloudUrl (inherited from template "Beat Tests Sanity :: Beat Job")	branchtest.perfectomobile.com	Edit	undeletable
env.password (inherited from template "Beat Tests Sanity :: Beat Job")	<empty>	Edit	undeletable
env.username (inherited from template "Beat Tests Sanity :: Beat Job")	beat_automation@gmail.com	Edit	undeletable