

# Configuring Parasoft Test Settings for Projects

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## About Test Settings

You can configure project-specific settings for Parasoft test execution and code analysis tools (C/C++test, dotTEST, Jtest, SOAtest). When the tools are connected to DTP, they import and use these settings, which enables you to centrally configure code analysis and test execution properties. The settings specified in the tool's .properties file, however, take precedence over the settings configure in this section. See the specific tool documentation for details on available settings.

1. Choose **Report Center Settings** from the settings menu.
2. Click **Projects** in the Administration tab and click on a project.
3. Enter your settings in the Parasoft Test Settings section. Enter each setting on a new line. Use the # character to add comments.

```
#Project Settings
ntp.project=My New Project

#Report Settings
session.tag=${analysis_type}_${host_name}
build.id=${analysis_type}_${config_name}_${tool_name}

#Source Control Settings
scontrol.svn.exec=/usr/bin/svn
scontrol.rep1.type=svn
scontrol.rep1.svn.url=http://svn.parasoft.com/svn/repos
scontrol.rep1.svn.login=user
scontrol.rep1.svn.password=65707c
```

You can also click the information icon in the label for additional information and to view example settings.

This section allows you to specify settings for a specific project. A common use case is to specify source control settings that DTP Server will use to connect to a source control system. DTP Engines will also use these settings if dtp.autoconfig is set to true in the Engine configuration file. Please see documentation (Configuring Projects) for more information. Example:

```
#Source Control Settings
scontrol.svn.exec=/usr/bin/svn
scontrol.rep1.type=svn
scontrol.rep1.svn.url=http://svn.parasoft.com/svn/repos
scontrol.rep1.svn.login=user
scontrol.rep1.svn.password=65707c
```

Close

Parasoft Test Settings ⓘ

You can also configure the settings for all projects. See [Configuring Parasoft Test for All Projects](#).

## Example Settings

```
#License Settings
license.network.host=ntp.company.com
license.network.port=2222
license.use_network=true
#Mail Settings
report.mail.domain=company.com
report.mail.from=john.doe
report.mail.password=123456789
report.mail.server=mail.company.com
report.mail.username=john
```

## About File Encoding

By default, DTP assumes that source code is encoded in UTF-8. If the source code is encoded with a different character set, you can specify it in the Parasoft Test Settings form by adding the `file.encoding.name` property. For example:

```
file.encoding.name=UTF-16
```

You can configure this setting for individual projects or for all projects if all source code is encoded in the same way. See [Configuring Parasoft Test for All Projects](#) for additional information.

## Auto-configuring Code Analysis and Test Execution Tools

Set the `ntp.autoconfig` property set to `true` in the Parasoft tool's `.properties` configuration file to enables the tool to use the settings configured in DTP. See the documentation for your tool for details.

For example, the following settings would be added to the test execution and code analysis tool's configuration file:

```
ntp.autoconfig=true
scontrol.svn.exec=C:\\Program Files\\svn\\bin\\svn.exe
```

This would enable the tool to use the following example configurations set in the Parasoft Test Global Settings field:

```
scontrol.svn.exec=/usr/bin/svn
scontrol.repl.type=svn
scontrol.repl.svn.url=http://foo.bar.com/svn/repos
scontrol.repl.svn.login=foo
scontrol.repl.svn.password=65707c
```

## Displaying Source Code from Source Control System

In some cases, settings reused by Parasoft tools and DTP require further customization. For instance, DTP may require different SCM credentials than the tools.

Auto-configuration can still be used by adding the `server.` prefix to identify the setting as a DTP Server-only setting. In the following Parasoft Test Settings, the SVN executable directory is specified for the Parasoft tool with the `scontrol.svn.exec` setting, but for DTP the directory is set with `server.scontrol.svn.exec`:

```
scontrol.svn.exec=C:\Program Files\svn\bin\svn.exe
server.scontrol.svn.exec=/usr/bin/svn
scontrol.repl.type=svn
scontrol.repl.svn.url=http://foo.bar.com/svn/repos
scontrol.repl.svn.login=foo
scontrol.repl.svn.password=65707c
server.scontrol.repl.svn.login=bar
server.scontrol.repl.svn.password=19787a
```

DTP prioritizes the `server.` prefix value if the same non-prefixed also appears.

The following precedence of overwriting settings is used in DTP when the same setting appears in Parasoft Test Global Settings and project-specific Parasoft Test settings:

- Project specific Parasoft Test Settings with `server.` prefix
- Project specific Parasoft Test Settings without `server.` prefix
- Parasoft Test Global Settings with `server.` prefix
- Parasoft Test Global Settings without `server.` prefix