

Connecting to Project Center

Project Center is a DTP model that enables centralized task management. In order to connect to Project Center, you must configure a connection to DTP (see [Connecting to Parasoft Development Testing Platform](#)) and enable reporting. Your designated SOAtest server machine that runs nightly tests should also be connected with reporting enabled.

1. Choose **Parasoft> Preferences** to open the Preferences dialog.
2. Select the **Parasoft> Development Testing Platform> Project Center** category in the left pane.
3. If Project Center is configured on DTP, you can enable the **Use DTP settings** option after configuring your connection to DTP to automatically configure the Project Center server and port number. You can disable the **Use DTP settings** option and manually configure the Project Center port number, but you cannot change the hostname.
4. Click **Test Connection** to verify the connection.
5. (Optional) Enable the **Enable test result reporting** option if you want to send test results from this machine sent to Project Center.

When to send test results to Project Center

Most teams only connect their server-installed instance of SOAtest to Project Center. This is because they do not want Project Center reports and statistics to contain data from tests performed on developer desktops. However, Professional and/or Architect installations can also be configured to send data to Parasoft Project Center.

6. (Optional) Enable the **Log results as nightly test run** option if you want Project Center to log results from this installation as the results from the nightly tests. If you enable this option, the test group sent to Project Center will have an additional key-value attribute pair: `NIGHTLY=true`. This attribute is not visible in Project Center reports, but it can be used in Test Group Properties Filter when defining a project in DTP.
7. (Optional) Enable the **Send summary only** option if you want this machine to send only a brief summary report sent to Project Center. If you enable this option, only results summaries from static analysis and test execution (not individual violations) will be sent to Project Center.
8. (Optional) Specify user-defined attributes as described in [Configuring Report Attributes](#) below. Such attributes will be sent to DTP along with test results. The data can be used to identify and filter results in DTP.
9. Click **Apply** and click **OK** to save your settings.

About Project Attributes

When you enter a new project name, Project Center will automatically create a new project and add a Test Group Properties Filter called `User-Attribute: Project`. For example, if you type in the project name `Parabank 2.0`, the project will be created when the first test results are received and the `User-Attribute: Project = Parabank 2.0` key-value pair will be added in this project definition Test Group Properties Filter.

When you click Find to locate an existing project, we recommend that you ensure that the `User-Attribute: Project` attribute is correctly set in the DTP administration Test Group Properties Filter. For example, for a project named "Parabank 2.0", you should see a `User-Attribute: Project = Parabank 2.0` key-value pair in this project definition Test Group Properties Filter. These key-value pairs are automatically added for newly-created projects.

Configuring Report Attributes

Project Center attributes help you mark results in ways that are meaningful to your organization. Test group results sent to DTP will contain:

- Default attributes (for example, `EXECUTION MODE=COMMAND-LINE` is sent when tests run in command line mode; `EXECUTION MODE=GUI` is sent when tests are run in GUI mode; `NIGHTLY=true` is sent when the **Log results as nightly test runs** option is enabled).
- Any custom attributes you set in the Parasoft preferences panel (**Development Testing Platform> Project Center** page, **Report attributes** area).

Both types of attributes can be used when defining a project in DTP (you can access them in the Test Group Attributes Filter area).

For example, when you select "Project" (for instance, "Parabank 2.0"), the attribute pair "`User-Attributes: Project`" = "Parabank 2.0" is sent to DTP by default. You could also configure it to send additional attributes. For example, assume you define "`milestone`" = "beta". In that case, "`User-Attributes: milestone`" = "beta" is sent to DTP in the Test Group attributes.

Custom Project Center attributes can be specified in two ways:

- Through the GUI.
- Through localsettings.

To set general attributes (attributes that apply to all tests) through the GUI:

1. Choose **Parasoft> Preferences** to open the Preferences dialog.
2. Select the **Parasoft> Development Testing Platform> Project Center** category in the left pane.
3. Click **Add** in the Report attributes section and specify key value pairs to send to Project Center. Each attribute contains two components: a general attribute category name and a specific identification value.
 - Example 1: If your group wants to label results by project names that are more specific than those used in the Parasoft Test project, you might use the attribute name `PROJECT_NAME` and the attribute value `projname1`. For the next project, you could specify an attribute with the attribute name `PROJECT_NAME` and the attribute value `projname2`.
 - Example 2: If your organization wants to label results by division, you might use the attribute name `DIVISION` and the attribute value `division1` for all tests performed by your division. Another division could specify an attribute with the attribute name `DIVISION` and the attribute value `division2`.

- Example 3: If your group wants to label results by project versions, you might use the attribute name `VERSION` and the attribute value `1.1`. For the next project, you could specify an attribute with the attribute name `VERSION` and the attribute value `1.2`.

For details on setting attributes through localsettings, see [Configuring Localsettings](#).