

Configuring Content Roots

When created, a [module](#), normally, has one [content root](#).

You can create additional content roots as well as remove the unnecessary ones.

Folders within content roots can be assigned to the following categories: sources, test sources, generated sources, generated test sources and excluded folders (in Java modules - also resources and test resources). This can be done in the **Project Structure** dialog or in the **Project** tool window.

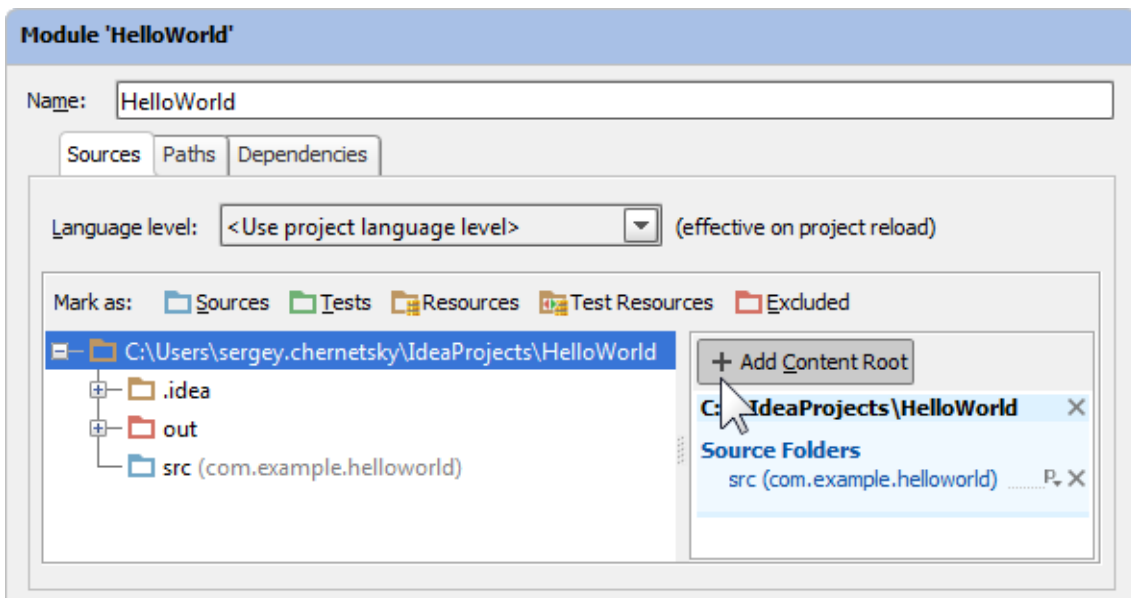
In Java modules, the folders marked as containing source code can be assigned a [package prefix](#).

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See also, [Sources Tab](#).

Adding a content root

1. [Open the Project Structure dialog](#) (e.g. `Ctrl+Shift+Alt+S`).
2. In the left-hand pane, select **Modules**.
3. In the pane to the right, select the necessary module.
4. In the right-hand part of the dialog, on the **Module** page, select the **Sources** tab.
5. Click **Add Content Root**.



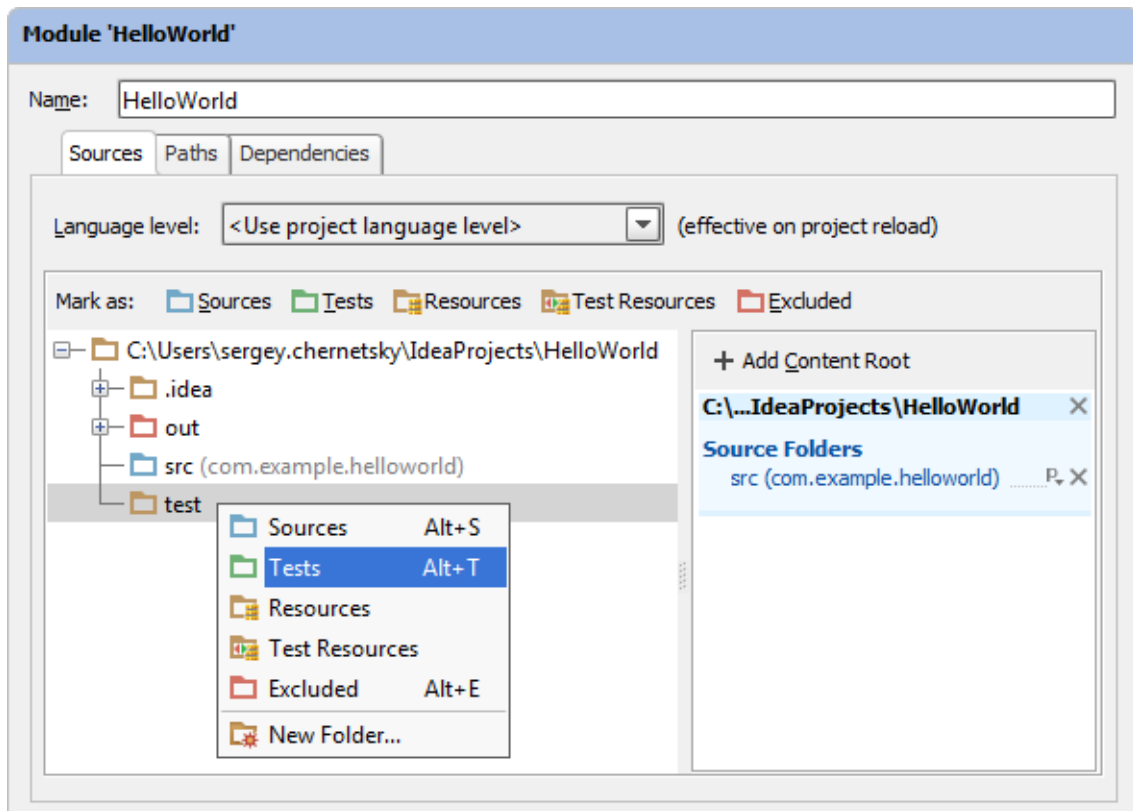
6. In the [dialog that opens](#), select the folder to be added as a content root, and click **OK**.
7. Click **OK** in the **Project Structure** dialog.

Specifying folder categories in the Project Structure dialog

Here is how you assign a folder to test sources. In a similar way, you can assign a folder to any other category. The only exceptions are [generated sources](#) and [generated test sources](#).

1. [Open the Project Structure dialog](#) (e.g. `Ctrl+Shift+Alt+S`).
2. In the left-hand pane, select **Modules**.

3. In the pane to the right, select the necessary module.
4. In the right-hand part of the dialog, on the **Module** page, select the **Sources** tab.
5. Select the folder whose contents you want to assign to test sources and do one of the following:
 - To the right of **Mark as**, click **Tests**.
 - Select **Tests** in the context menu.



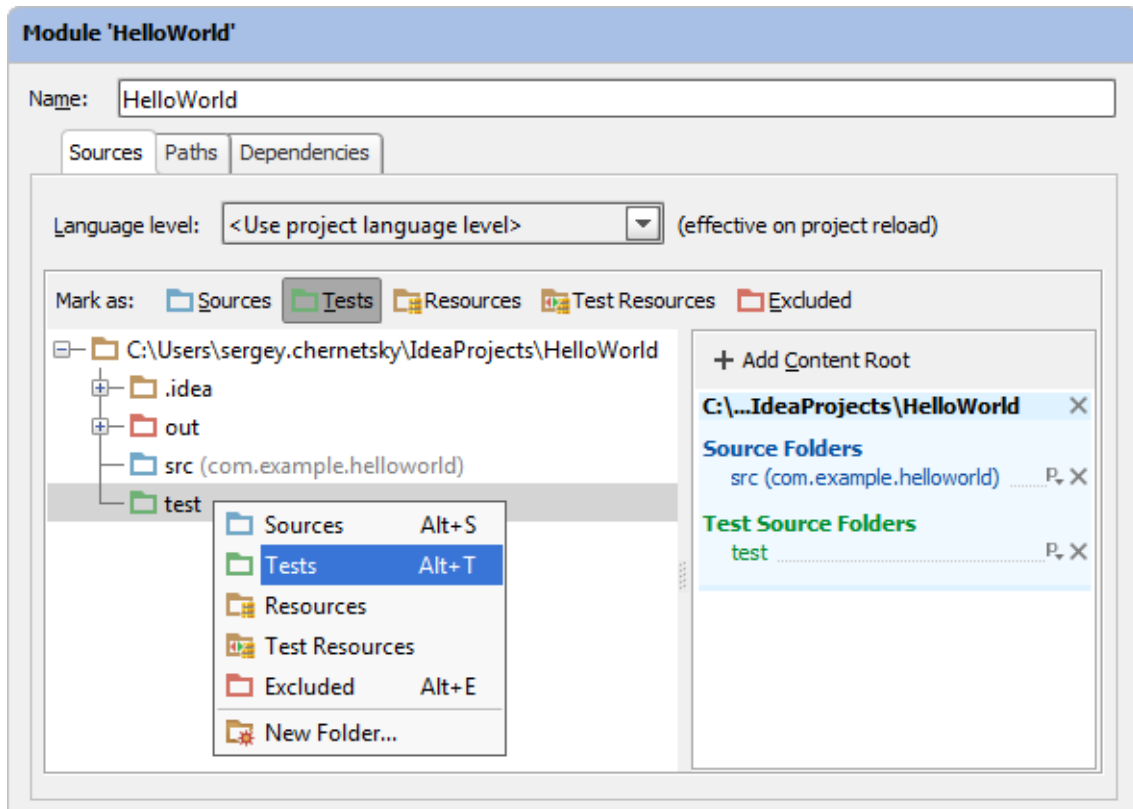
6. Click **OK** in the **Project Structure** dialog.

In a similar way you can change the folder category at a later time. (Just select a different category for a folder.)

To cancel the folder association with its current category (i.e. to make a folder an "ordinary" folder), do one of the following:

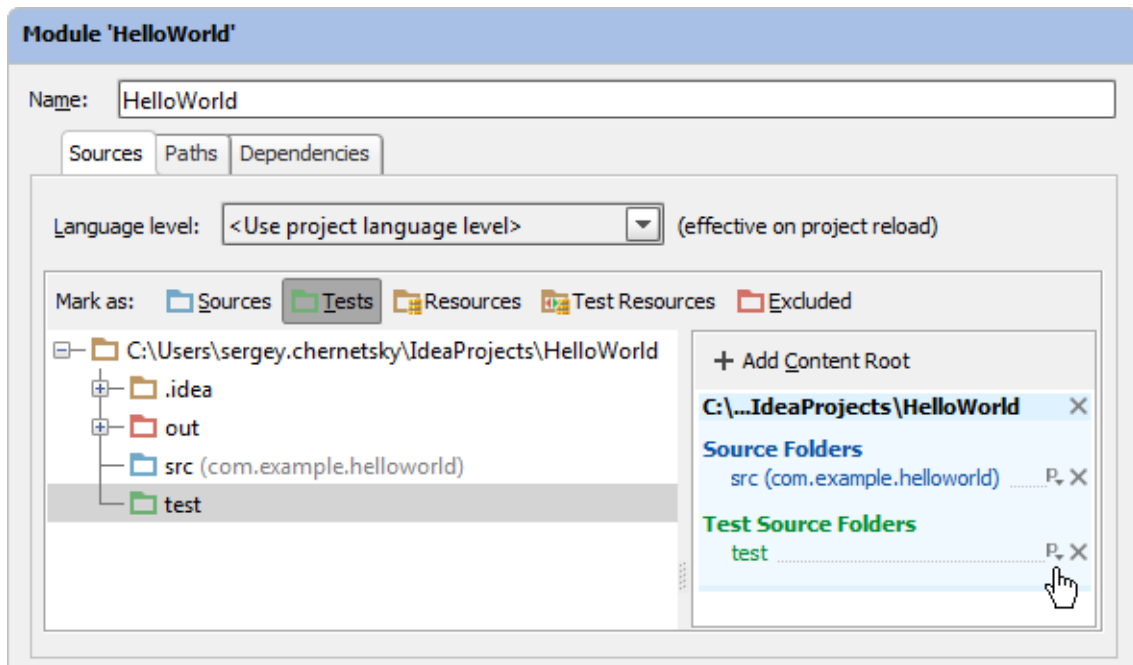
- Click the current category name to the right of **Mark as** (e.g. **Tests** if the folder is currently assigned to test sources).
- Click the current category name in the context menu.

- In the right-hand pane, under the category name (e.g. **Test Source Folders**), click **X** to the right of the folder path (folder name).



To specify that a source or test source folder contains generated sources:

1. In the right-hand pane, under **Source Folders** or **Test Source Folders**, click **P** to the right of the necessary folder (folder path).

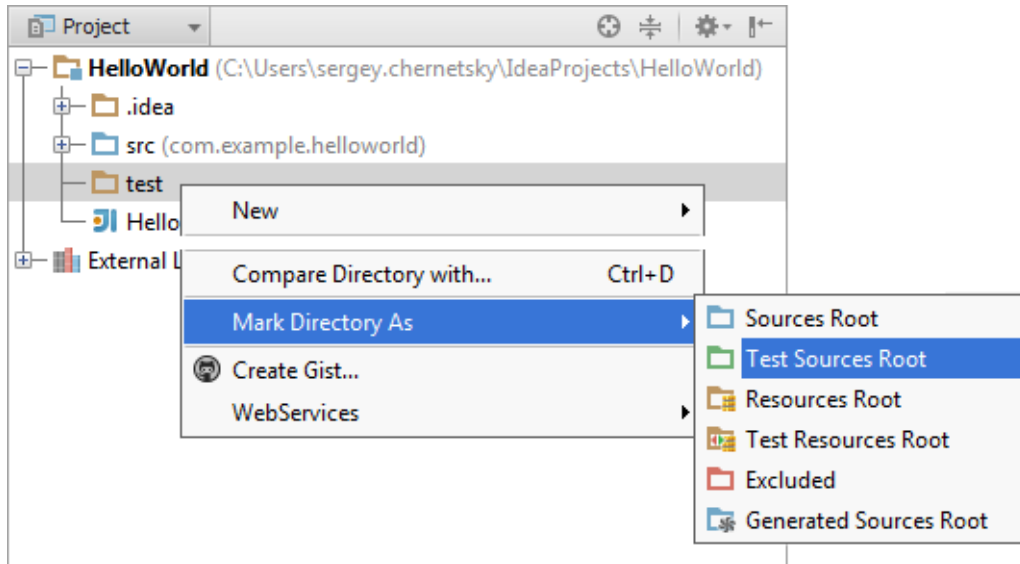


2. In the dialog that opens, select **For generated sources** and click **OK**.

Specifying folder categories in the Project tool window

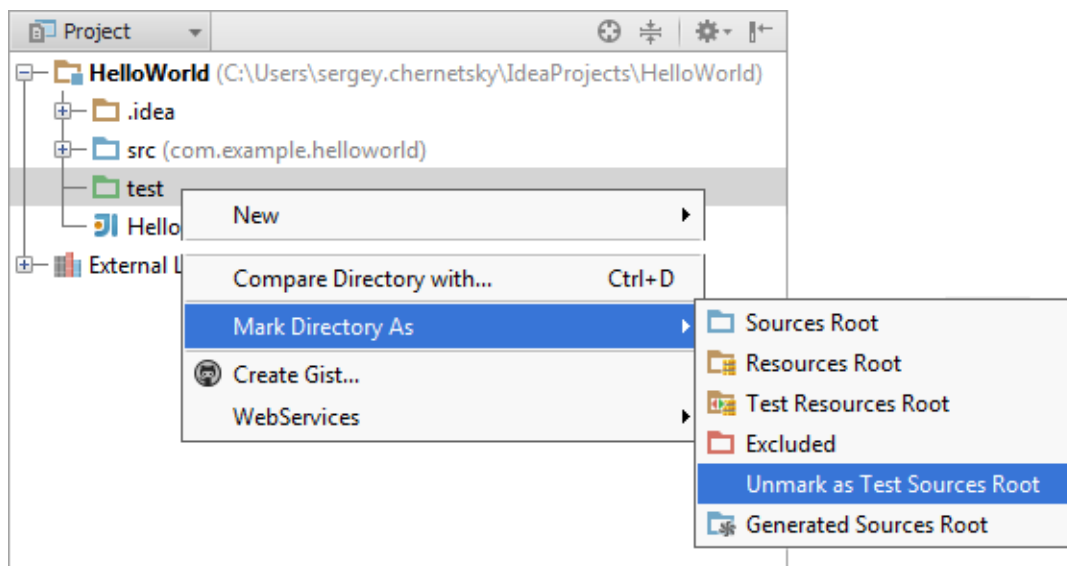
Here is how you assign a folder to test sources. In a similar way, you can assign a folder to any other category.

1. Open the **Project** tool window (e.g. **View | Tool Windows | Project**).
2. Select the folder that you want to assign to test sources. (Note that the excluded folders are not shown in the tool window.)
3. In the context menu, point to **Mark Directory As** and select **Test Sources Root**.




In a similar way you can change the folder category at a later time. (Just select a different category from the context menu.)

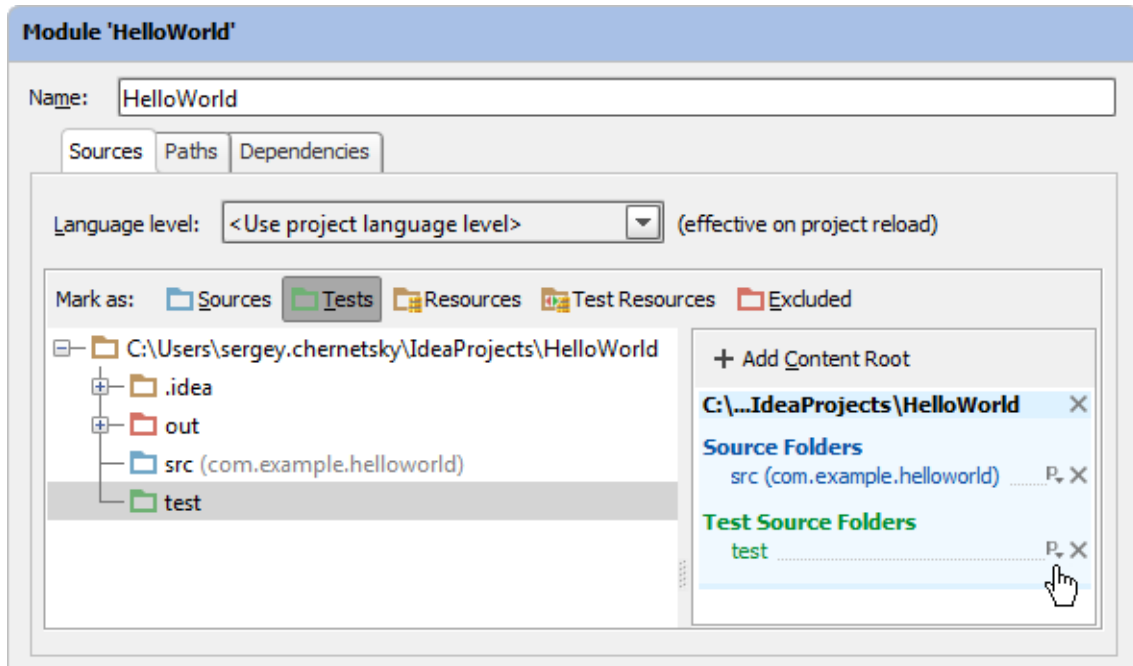
To cancel the folder association with its current category (i.e. to make a folder an "ordinary" folder), select **Unmark as <current_category> Root** (e.g. **Unmark as Test Sources Root**).



Assigning a package prefix to a folder containing Java sources

In Java modules, you can assign a package prefix to a folder containing source files (e.g. `com.mycompany.myapp`). This eliminates the necessity to create the corresponding folder structure in that folder (e.g. `com/mycompany/myapp`). For more information, see [Package prefix for Java source roots](#).

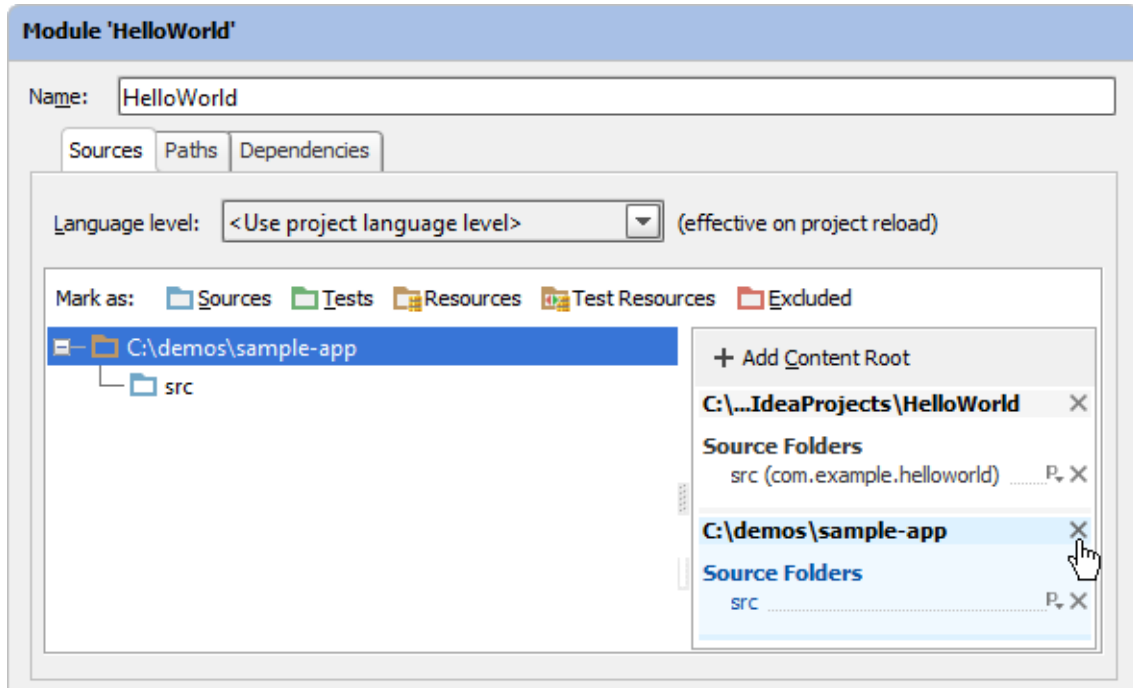
1. Open the [Project Structure dialog](#) (e.g. `Ctrl+Shift+Alt+S`).
2. In the left-hand pane, select **Modules**.
3. In the pane to the right, select the necessary module.
4. In the right-hand part of the dialog, on the **Module** page, select the **Sources** tab.
5. In the right-hand pane, under **Source Folders** or **Test Source Folders**, click  to the right of the necessary folder (folder path).



6. In the dialog that opens, specify the package prefix and click **OK**.
7. Click **OK** in the **Project Structure** dialog.

Removing a content root

1. Open the [Project Structure dialog](#) (e.g. `Ctrl+Shift+Alt+S`).
2. In the left-hand pane, select **Modules**.
3. In the pane to the right, select the necessary module.
4. In the right-hand part of the dialog, on the **Module** page, select the **Sources** tab.
5. To the right of the content root that you want to remove, click **X**.



6. Confirm your intention to remove the content root. (The corresponding folder won't be physically deleted.)
7. Click **OK** in the **Project Structure** dialog.

See Also

Concepts:

- [Content Root](#)

Reference:

- [Project Structure](#)
- [Sources Tab](#)
- [Paths Tab](#)

Web Resources:

- [Developer Community](#) 