

# Creating Tapestry Pages, Componentets, and Mixins

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Tapestry items can be created only within the `components`, `pages`, or `mixins` dedicated packages. These packages, in their turn, should be located under the application root package.

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## To enable creation of Tapestry items in a module

1. Open the [Project](#) tool window.
2. Switch to the *Project* or *Package view* by doing one of the following:
  - Select the necessary view from the list in the left-hand part of the title bar.
  - If the views are represented by tabs, click the corresponding tab.
3. Select the application root package, and choose **New | Package** on the context menu.
4. In the **New Package** dialog box, that opens, specify the name of the dedicated package depending on the type of items to be created under it.
  - **pages** for Tapestry [pages](#) .
  - **components** for Tapestry [components](#) .
  - **mixins** for Tapestry [component mixins](#) .

## To create a Tapestry page

A Tapestry page normally consists of an HTML template that implements the page appearance and a Java class that implements the page functionality and behaviour. The HTML file has the same name as the Java file and the `.tml` extension. IntelliJ IDEA generates two stubs, with the `.tml` file containing the `<header></header>` and `<body></body>` sections.

1. Open the [Project](#) tool window.
2. Switch to the *Tapestry* view by choosing the **Tapestry** item from the list in the left-hand part of the title bar or clicking the **Tapestry** tab.
3. Right-click the **pages** node and choose **New | Tapestry | Page** on the context menu.
4. In the **New Tapestry Page** dialog box, that opens, specify the page name and the parent folders to store the generated class and template sources in.

IntelliJ IDEA remembers the last selected directories and will automatically show them in the corresponding drop-down lists next time you create a page.
5. Customize the page generation, if necessary:
  - If you already have a page with the specified name and you want IntelliJ IDEA to overwrite it, select the **Replace existing files** check box.
  - To have only a Java class stub generated, select the **Do not create template** check box.

## To create a new component

A Tapestry component normally consists of an HTML template that implements the appearance of a piece of a page and a Java class that implements the behavior and functionality of this item. The HTML file has the same name as the Java file and the `.tml` extension. IntelliJ IDEA generates two stubs, with the `.tml` file containing a `<div></div>` section.

1. Open the [Project](#) tool window.
2. Switch to the *Tapestry* view by choosing the **Tapestry** item from the list in the left-hand part of the title bar or clicking the **Tapestry** tab.
3. Right-click the **components** node and choose **New | Tapestry | Component** on the context menu.
4. In the **New Tapestry Component** dialog box, that opens, specify the component name and the parent folders to store the generated class and template sources in.

IntelliJ IDEA remembers the last selected directories and will automatically show them in the corresponding drop-down lists next time you create a component.

5. Customize the component generation, if necessary:
  - If you already have a component with the specified name and you want IntelliJ IDEA to overwrite it, select the **Replace existing files** check box.
  - To have only a Java class stub generated, select the **Do not create template** check box.

## To create a new mixin

1. Open the [Project](#) tool window.
2. Switch to the *Tapestry* view by choosing the **Tapestry** item from the list in the left-hand part of the title bar or clicking the **Tapestry** tab.
3. Right-click the **mixins** node and choose **New | Tapestry | Mixin** on the context menu.
4. In the **New Tapestry Mixin** dialog box, that opens, specify the mixin name and the parent folders to store the generated class in.

IntelliJ IDEA remembers the last selected directory and will automatically show them it in the drop-down list next time you create a mixin.

5. Customize the mixin generation, if necessary:
  - If you already have a mixin with the specified name and you want IntelliJ IDEA to overwrite it, select the **Replace existing files** check box.

## See Also

Procedures:

- [Web Applications](#)

Reference:

- [Web Module Editor](#)

External Links:

- <http://tapestry.apache.org/documentation.html> 

Web Resources:

- [Developer Community](#) 