

Annotations

Related Articles

Tapestry relies heavily on Java **annotations** rather than XML files for almost all of its configuration. (In addition, Tapestry's method naming conventions mean you don't *have* to use annotations in many cases.)

- [Annotations](#)
- [Component Cheat Sheet](#)

Tapestry annotations are grouped into several distinct modules according to their purpose.

Tapestry Core and IoC Annotations

The majority of Tapestry annotations (those defined in the `tapestry-core` and `tapestry-ioc` modules) are very specific to Tapestry components or Tapestry IoC services:

Tapestry Component Annotations	intended for use in page/component/mixin classes
Tapestry IoC Annotations	for use by IoC services

Annotations for data holding classes

In addition to the core and IoC annotations, there are a few annotations intended for data holding classes that are not Tapestry components; these annotations allow high-level components such as Grid and BeanEditForm to create powerful user interfaces with out any additional coding. Because these annotations are separated from the rest of Tapestry, they can be used inside your data tier classes *without* having to bring all of Tapestry into your classpath. This is very useful in multi-tier applications where data objects may originate in an application tier (such as a JEE application server) and travel to the presentation tier (a Tapestry application).

BeanEditForm Annotations	for users of the BeanEditForm and Grid components
Hibernate Annotations	for users of the Tapestry-Hibernate library

Upgrade Notes – Release 5.0.12

The artifact id for the annotations module has changed from `tapestry-annotations` to `tapestry5-annotations`. This is necessary to support Tapestry 4 and Tapestry 5 applications co-existing within a single WAR.