

# Documentation

Welcome to the Tapestry 5 Documentation, a collection of guides to teach beginners the basics and help experienced developers deepen their understanding of Tapestry's power.

## Highlights

These are the most useful starting points for common needs.

<a href="#">Introduction</a>	An overview of Tapestry's general approach and philosophy
<a href="#">Getting Started</a>	A quick guide to creating your first Tapestry project, using <a href="#">Maven</a>
<a href="#">Tapestry Tutorial</a>	Picks up where <i>Getting Started</i> leaves off, explaining in greater detail how Tapestry works
<a href="#">User Guide</a>	Detailed articles on every Tapestry feature
<a href="#">Community</a>	Getting support, mailing lists, JIRA, outside resources, and access to the source
<a href="#">Cookbook</a>	Guides to doing common things with Tapestry
<a href="#">FAQ</a>	A quick place to check for common problems and solutions
<a href="#">Component Cheat Sheet</a>	A concise guide to component classes, methods and annotations
<a href="#">Refcard</a>	A color, six page foldout guide to Tapestry 5.0 (PDF)

## API and Component Reference

<b>API (Javadoc):</b>	<a href="#">5.0</a> <sup>1</sup>	<a href="#">5.1</a> <sup>1</sup>	<a href="#">5.2</a> <sup>1</sup>	<a href="#">5.3.8</a>	<a href="#">5.4</a>
<b>Component Reference:</b>	<a href="#">5.0</a> <sup>1</sup>	<a href="#">5.1</a> <sup>1</sup>	<a href="#">5.2</a> <sup>1</sup>	<i>(same as current)</i>	<a href="#">5.4 (current)</a>
<b>Release Notes:</b>	<a href="#">5.0</a>	<a href="#">5.1</a>	<a href="#">5.2</a>	<a href="#">5.3.8</a>	<a href="#">5.4</a>

<sup>1</sup> needs to be built manually from archived sources at <http://archive.apache.org/dist/tapestry/>.

## User Guide

The [User Guide](#) consists of over 75 pages of detailed information on the concepts behind Tapestry and instructions on how to use this powerful tool. Highlights include:

- [Client-Side JavaScript](#) and [Ajax and Zones](#) describe Tapestry's built-in support for dynamic in-page behavior.
- [Integrating with Spring Framework](#) describes how to integrate Spring into your Tapestry application.
- [Tapestry/Hibernate Integration Library](#) provides out-of-the-box support for using Hibernate 3.
- [JSR 303: Bean Validation](#) shows how to use standard annotations for validation
- [Integration Testing](#) shows how to test your application with Selenium.

[More topics...](#)

## Blogs by Tapestry Developers and the Community

- [Tapestry Central](#) is Howard Lewis Ship's blog. As the creator of Tapestry, he provides valuable insights into Tapestry's latest features and future directions.
- [Igor Drobiazko's blog](#) (committer & PMC) contains news on Tapestry development and will guide you through some of the most exciting parts of Tapestry.

## All Topics

- [Introduction](#)
- [Getting Started](#)
- [Principles](#)
- [Tapestry Tutorial](#)
  - [Dependencies, Tools and Plugins](#)
  - [Creating The Skeleton Application](#)
  - [Exploring the Project](#)
  - [Implementing the Hi-Lo Guessing Game](#)
  - [Using BeanEditForm To Create User Forms](#)
  - [Using Tapestry With Hibernate](#)
- [User Guide](#)
  - [Supported Environments and Versions](#)
  - [Configuration](#)
  - [Runtime Exceptions](#)
  - [Class Reloading](#)
  - [Component Reference](#)
    - [Annotations](#)
    - [Component Classes](#)
    - [Component Templates](#)
    - [Property Expressions](#)
    - [Component Parameters](#)
    - [Parameter Type Coercion](#)
    - [Layout Component](#)
    - [Component Mixins](#)
      - [Built-in Mixins](#)
  - [Page Navigation](#)
  - [Localization](#)
  - [Page Life Cycle](#)
  - [Request Processing](#)
  - [Component Rendering](#)
  - [Component Events](#)
  - [URL rewriting](#)
  - [DOM](#)
  - [Response Compression](#)
  - [Security](#)
  - [HTTPS](#)
  - [Content Type and Markup](#)
  - [Persistent Page Data](#)
  - [Session Storage](#)
    - [Clustering Issues](#)
  - [Injection](#)
  - [Environmental Services](#)
  - [CSS](#)
  - [Assets](#)
  - [Forms and Validation](#)
  - [BeanEditForm Guide](#)
  - [Uploading Files](#)
  - [Logging](#)
  - [Unit testing pages or components](#)
  - [Integration Testing](#)
  - [Development Dashboard](#)
  - [Modules](#)
    - [Built In Modules](#)
    - [Third Party Modules](#)
- [IOC](#)
  - [Tapestry IoC Overview](#)
  - [Tapestry IoC Modules](#)
  - [Defining Tapestry IOC Services](#)
  - [Service Advisors](#)
  - [Tapestry IoC Decorators](#)
  - [Tapestry IoC Configuration](#)
  - [Case Insensitivity](#)
  - [Autoloading Modules](#)
  - [Service Implementation Reloading](#)
  - [Ordering by Constraints](#)
  - [Symbols](#)
  - [ChainBuilder Service](#)
  - [PipelineBuilder Service](#)
  - [ShadowBuilder Service](#)
  - [StrategyBuilder Service](#)
  - [Injection in Detail](#)
  - [Object Providers](#)
  - [Service Serialization](#)

- [Java Magic](#) (by Taha Hafeez, committer) has a series of tutorials illustrating some of the more advanced Tapestry and Plastic features and techniques.

## Books on Tapestry

There are at least 9 published [books on Tapestry](#), including three on Tapestry 5.

## Tapestry Presentations

- Mark Shead's [10 Minute Demo](#)
- H. L. Ship's [Tapestry 5.4 - Bootstrap-enhanced Exception Reporting](#)
- [JavaServer Faces 2.0 vs. Tapestry 5](#) (PDF) A Head-to-Head Comparison by Igor Drobiazko at Jazoon 2010
- [Tapestry 5: Java power, Scripting Ease](#) (VIDEO) by Howard Lewis Ship at Devvix 2009

[More presentations ...](#)

## Tapestry Wikis

- [Tapestry Community Wiki](#) (Moin Moin) contains a lot of user-generated information on different Tapestry use cases.
- [Documentation Source wiki](#) (Confluence) – the wiki used as the content editor for the official Tapestry documentation

## Getting help

The primary method of support is the [Tapestry Mailing Lists](#).

In addition, there are occasionally questions and answers about Tapestry at [Stack Overflow](#).

## The Developer Corner

[Developer Information](#) gives information needed by the Tapestry developers

- [Type Coercion](#)
- [Starting the IoC Registry](#)
- [Registry Startup](#)
- [Parallel Execution](#)
- [Logging in Tapestry](#)
- [Using JSR 330 standard annotations](#)
- [Operation Tracker](#)
- [Hibernate - Core](#)
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  - [Hibernate](#)
- [Integrating with Spring Framework](#)
- [Bean Validation](#)
- [Component Report](#)
- [Aliases](#)
- [Integrating with JPA](#)
- [Client-Side JavaScript](#)
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- [Cheat Sheets](#)
  - [Application Module Class Cheat Sheet](#)
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- [Cookbook](#)
  - [Default Parameter](#)
  - [Overriding Exception Reporting](#)
  - [Error Page Recipe](#)
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  - [IoC cookbook](#)
    - [IoC Cookbook - Basic Services and Injection](#)
    - [IoC Cookbook - Overriding IoC Services](#)
    - [IoC Cookbook - Patterns](#)
    - [IoC cookbook - Service Configurations](#)
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