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.

Introduction	An overview of Tapestry's general approach and philosophy
Getting Started	A quick guide to creating your first Tapestry project, using Maven
Tapestry Tutorial	Picks up where *Getting Started* leaves off, explaining in greater detail how Tapestry works
User Guide	Detailed articles on every Tapestry feature
Community	Getting support, mailing lists, JIRA, outside resources, and access to the source
Cookbook	Guides to doing common things with Tapestry
FAQ	A quick place to check for common problems and solutions
Component Cheat Sheet	A concise guide to component classes, methods and annotations

API and Component Reference

API (Javadoc):	5.0[1]	5.1[1]	5.2[1]	5.3.8	5.4	5.5	5.6.3	5.7.3	5.8.3 (current)
Component Reference:	5.0[1]	5.1[1]	5.2[1]	*see 5.7.2*	*see 5.7.2*	see 5.7.2	see 5.7.2	5.7.3	5.8.3
Release Notes:	5.0	5.1	5.2	5.3.8	5.4	5.5	5.6	5.7.0	5.8.3

[1] 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 was Howard Lewis Ship's blog from 2003-2013. As the creator of Tapestry, he provides valuable insights into Tapestry's latest features and future directions.
- Igor Drobiazko's blog (committer & PMC) contains guides on Tapestry 5 development (2009-2013).

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
  - Project Layout
  - 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) presents a series of tutorials illustrating some of the more advanced Tapestry and Plastic features and techniques (2011-2012).

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 (Video, 2011)
- H. L. Ship's Tapestry 5.4 - Bootstrap-enhanced Exception Reporting (Video, 2012)
- JavaServer Faces 2.0 vs. Tapestry 5 (PDF, 2010) A Head-to-Head Comparison by Igor Drobiazko at Jazoon 2010

More presentations ...

Tapestry Wikis

- Documentation Source wiki (Confluence) – the wiki used as the content editor for the official Tapestry documentation
- Tapestry Community Wiki (legacy) – read-only copy of Tapestry's old Moin Moin wiki containing a lot of user-generated information on different Tapestry use cases.

Getting help

The primary method of support is the Tapestry Mailing Lists.

In addition, there are occasionally questions and answers about Tapestry at S tack 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
        - Hibernate - Core - Conf
        - Hibernate
        - Hibernate User Guide
    - Integrating with Spring Framework
    - Bean Validation
    - Component Report
    - Aliases
    - Integrating with JPA
    - Client-Side JavaScript
        - JavaScript Modules
        - CoffeeScript
        - TypeScript
        - Legacy JavaScript
        - Ajax and Zones
    - REST Support (5.8.0+)
    - CORS (Cross-Origin Resource Sharing) Support (5.8.2+)
- Cheat Sheets
    - Application Module Class Cheat Sheet
    - Component Cheat Sheet
    - Tapestry for JSF Users
- Cookbook
    - Default Parameter
    - Overriding Exception Reporting
    - Error Page Recipe
    - Supporting Informal Parameters
    - Component Libraries
    - Switching Cases
    - Enum Parameter Recipe
    - Extending the If Component
    - Meta-Programming Page Content
    - Using Select With a List
    - IoC cookbook
        - IoC Cookbook - Basic Services and Injection
        - IoC Cookbook - Overriding IoC Services
        - IoC Cookbook - Patterns
        - IoC cookbook - Service Configurations
    - Performance and Clustering
    - Google App Engine
- Frequently Asked Questions
    - General Questions
    - Templating and Markup FAQ
    - Page And Component Classes FAQ
    - Forms and Form Components FAQ
    - BeanEditForm FAQ
    - Link Components FAQ
    - Component Events FAQ
    - JavaScript FAQ
    - Ajax Components FAQ
    - Injection FAQ
    - Tapestry Inversion of Control FAQ
    - Security FAQ
    - Integration with existing applications
    - Request Processing FAQ
    - Limitations
    - Specific Errors FAQ
    - Hibernate Support FAQ
    - Maven Support FAQ
    - Release Upgrade FAQ
- Release Notes
    - How to Upgrade
    - Release Notes 5.0
    - Release Notes 5.1
    - Release Notes 5.2
        - Release Notes 5.2.0
        - Release Notes 5.2.1
        - Release Notes 5.2.2
        - Release Notes 5.2.3
        - Release Notes 5.2.4
        - Release Notes 5.2.5
        - Release Notes 5.2.6
    - Release Notes 5.3

- Release Notes 5.3.1
- Release Notes 5.3.2
- Release Notes 5.3.3
- Release Notes 5.3.4
- Release Notes 5.3.5
- Release Notes 5.3.6
- Release Notes 5.3.7
- Release Notes 5.3.8
- Release Notes 5.4
- Release Notes 5.4.1
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- Release Notes 5.5.0
- Release Notes 5.6.0
- Release Notes 5.6.1
- Release Notes 5.6.2
- Release Notes 5.6.3
- Release Notes 5.7.0
- Release Notes 5.7.1
- Release Notes 5.7.2
- Release Notes 5.6.4
- Release Notes 5.7.3
- Release Notes 5.8.0
- Release Notes 5.8.1
- Release Notes 5.8.2
- Release Notes 5.8.3
- Release Notes 5.8.4

- JavaScript Rewrite in 5.4
- Support
- Developer Information
  - Building Tapestry from Source
  - Confluence Site Setup
    - Since and Deprecated User Macros
  - Developer Bible
  - Release Process
  - The tapestry jail
  - Version Numbers