

# **Tobar Segais: User Manual**

**Stephen Connolly**

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# **Tobar Segais: User Manual**

by Stephen Connolly

## **Abstract**

User Manual for the Tobair Segais Web application

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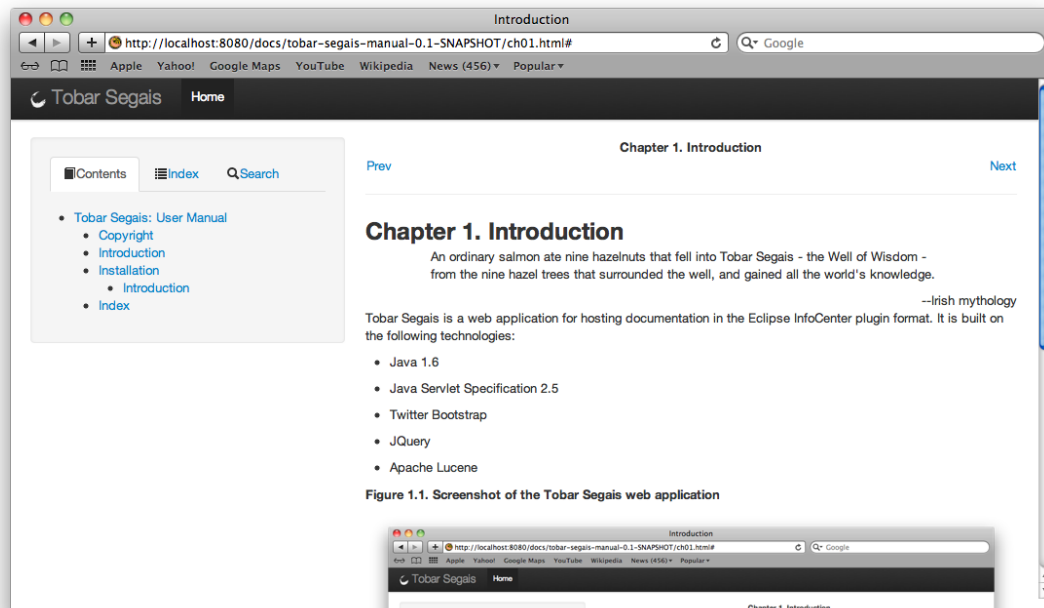
# Chapter 1. Introduction

An ordinary salmon ate nine hazelnuts that fell into Tobar Segais - the Well of Wisdom - from the nine hazel trees that surrounded the well, and gained all the world's knowledge.  
—Irish mythology

Tobar Segais is a web application for hosting documentation in the Eclipse InfoCenter plugin format. It is built on the following technologies:

- Java 1.6
- Java Servlet Specification 2.5
- Twitter Bootstrap
- JQuery
- Apache Lucene

**Figure 1.1. Screenshot of the Tobar Segais web application**



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# Chapter 2. Building

By default the Tobar Segais web application does not bundle any documentation, so in order to have a useful web application you must build a custom version that includes the desired InfoCenter plugin bundles.

The easiest way to build the Tobar Segais web application is using Apache Maven's WAR Overlays feature. Start by creating a basic `pom.xml` that depends on the Tobar Segais Web application:

```
<?xml version="1.0" encoding="utf-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
    http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>

  <groupId>com.mydomain.reversed</groupId>
  <artifactId>docs-webapp</artifactId>
  <version>1.0-SNAPSHOT</version>
  <packaging>war</packaging>

  <dependencies>
    <dependency>
      <groupId>org.tobarsegais</groupId>
      <artifactId>tobar-segais-webapp</artifactId>
      <version>1.5</version>
      <type>war</type>
    </dependency>
    <dependency>
      <groupId>com.mydomain.reversed</groupId>
      <artifactId>docs-infocenter-plugin</artifactId>
      <version>1.0-SNAPSHOT</version>
      <scope>provided</scope>
    </dependency>
  </dependencies>

  <build>
    <plugins>
      <plugin>
        <artifactId>maven-dependency-plugin</artifactId>
        <executions>
          <execution>
            <phase>generate-resources</phase>
            <goals>
              <goal>copy-dependencies</goal>
            </goals>
            <configuration>
              <outputDirectory>
                ${project.build.directory}/${project.build.finalName}/WEB-INF/bundles
              </outputDirectory>
              <includeScope>provided</includeScope>
            </configuration>
          </execution>
        </executions>
      </plugin>
    </plugins>
  </build>
</project>
```

```
    </executions>
  </plugin>
</plugins>
</build>

</project>
```

To build the web application, just invoke Apache Maven with a phase of “package” or later, e.g.

**mvn package**

The generated `.war` file can then be deployed in any Servlet container that supports the Servlet 2.5 specification.



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# Chapter 3. Customization

## Introduction

Not everyone will be happy with everything about how the Tobar Segais web application looks. However, you will be happy to know that the Tobar Segais web application supports a number of customization points to enable you to get it looking just the way you want.

## Stylesheet customization

The core look of Tobar Segais is based on Twitter Bootstrap. Any custom full build of Bootstrap 2.0.x should work as a drop in replacement that offers the customized look and feel.

Assuming you are building your Tobar Segais web application using the technique described in Chapter 2 all you need do is create the file `src/main/webapp/css/bootstrap.min.css` containing the minified version of your custom build of Twitter Bootstrap.

If you have customized versions of the Glyph Icons, these should be put at the paths `src/main/webapp/img/glyphicons-halflings.png` and `src/main/webapp/img/glyphicons-halflings-white.png`

If you just want to apply some simple tweaks to the CSS after Twitter Bootstrap is loaded all you need to do is create the file `src/main/webapp/css/custom.css` this file is included after all the other CSS files have been included.

## Navbar customization

The Navbar at the top of the page can be easily customized by providing a replacement JSP Fragment.

Assuming you are building your Tobar Segais web application using the technique described in Chapter 2 all you need do is create the file `src/main/webapp/WEB-INF/custom-navbar.jspf` containing the custom navbar. For example, the default Navbar has the following `custom-navbar.jspf`:

```
<%@ page contentType="text/html; charset=UTF-8" language="java" %>
<div class="navbar navbar-fixed-top no-print">
  <div class="navbar-inner">
    <div class="container-fluid">
      <a class="btn btn-navbar" data-toggle="collapse" data-target=".nav-collapse">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </a>
      <a class="brand" href="http://www.tobarsegais.org/">
        
        Tobar Segais
      </a>
      <div class="nav-collapse">
        <ul class="nav">
          <li class="active"><a href="{pageContext.request.contextPath}/docs/">Home</a></li>
        </ul>
      </div>
    </div>
  </div>
</div>
```

```
</div>  
</div>  
</div>
```

## Icon customization

There are a number of icons which can be replaced quite simply.

The following instructions assume you are building your Tobar Segais web application using the technique described in Chapter 2.

- *Header logo* - `src/main/webapp/img/header-logo.png`
- *Favicon* - `src/main/webapp/img/favicon.ico`
- *Apple Touch Icons* - `src/main/webapp/img/apple-touch-icon.png`, `src/main/webapp/img/apple-touch-icon-72x72.png`, `src/main/webapp/img/apple-touch-icon-114x114.png` and `src/main/webapp/img/apple-touch-icon-144x144.png`,

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