xStructure

xStructure topics
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Warning
Please, note that these documentation pages are frozen for Intellij IDEA Contest.

You will find updated xStructure site on http://xstructure.googlecode.com

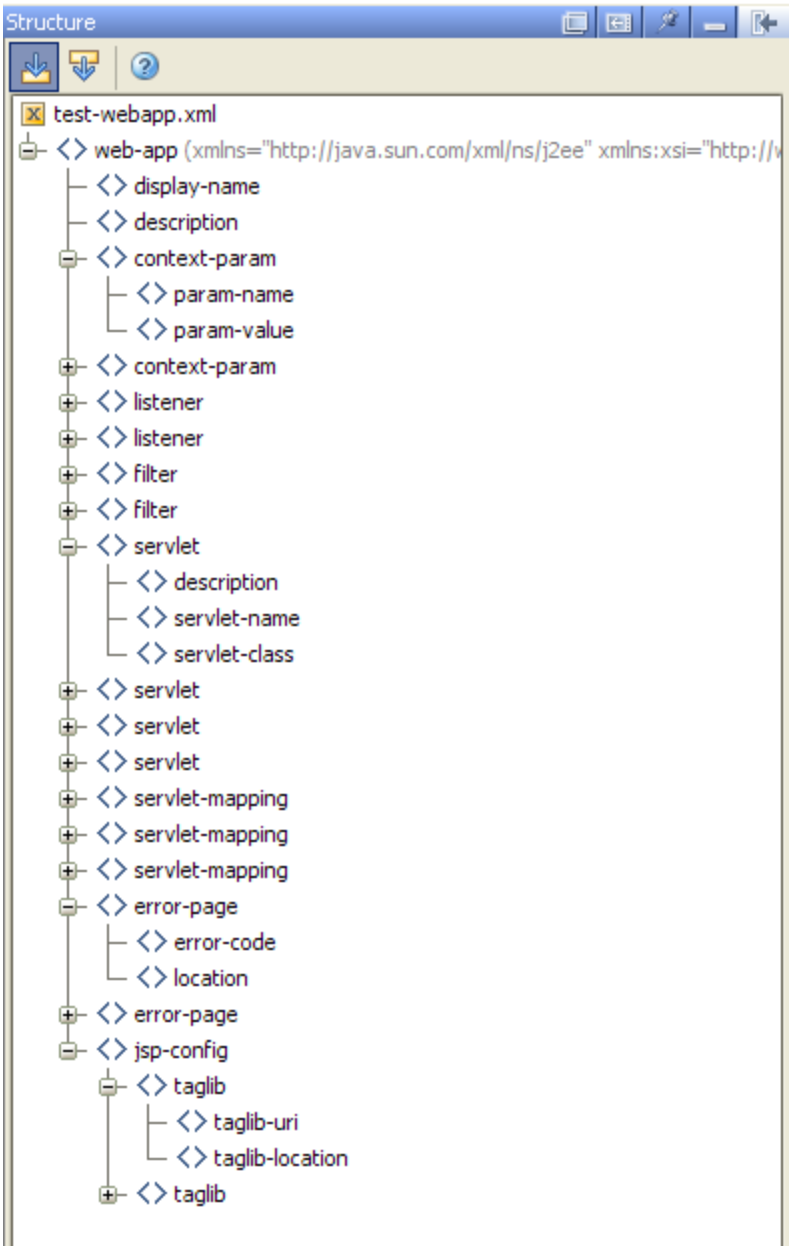
Introduction

What is it ?

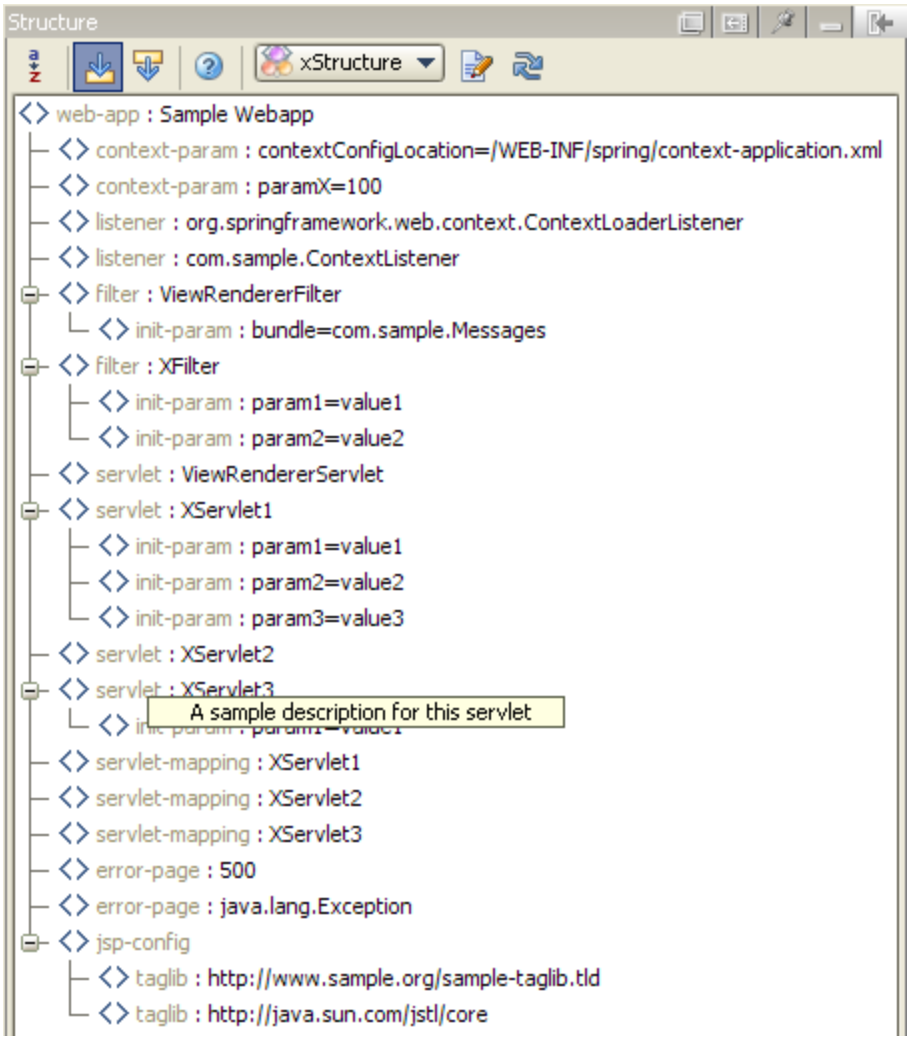
xStructure is a plugin for IntellijIDEA which provides a flexible way to display structure of XML files to make navigation easier. It is not only based on tags names, but also uses attributes and tag values.

Example :

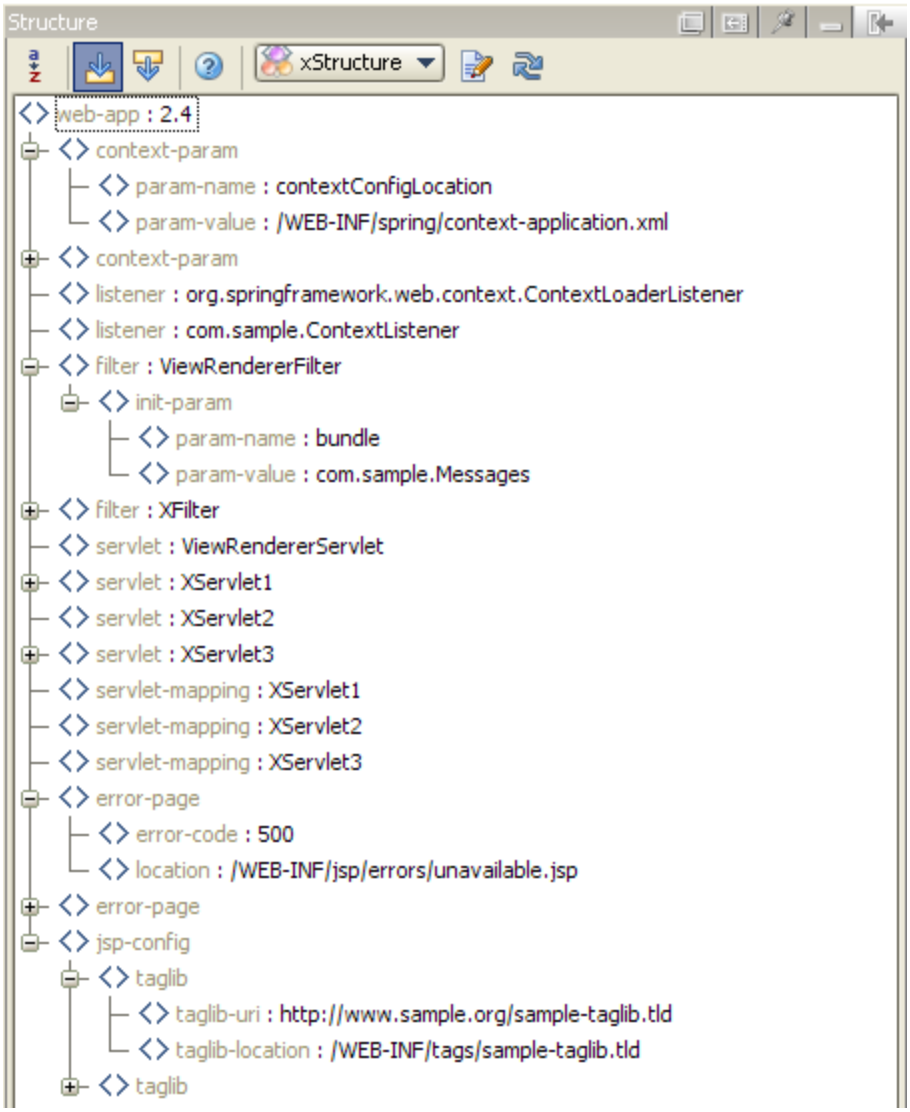
Instead of this :



you could see this :


Structure
xStructure
web-app : Sample Webapp
context-param : contextConfigLocation=/WEB-INF/spring/context-application.xml
context-param : paramX=100
listener : org.springframework.web.context.ContextLoaderListener
listener : com.sample.ContextListener
filter : ViewRendererFilter
init-param : bundle=com.sample.Messages
filter : XFilter
init-param : param1=value1
init-param : param2=value2
servlet : ViewRendererServlet
servlet : XServlet1
init-param : param1=value1
init-param : param2=value2
init-param : param3=value3
servlet : XServlet2
servlet : XServlet3
A sample description for this servlet
servlet-mapping : XServlet1
servlet-mapping : XServlet2
servlet-mapping : XServlet3
error-page : 500
error-page : java.lang.Exception
jsp-config
taglib : http://www.sample.org/sample-taglib.tld
taglib : http://java.sun.com/jstl/core

or this :



How do I install it ?

IntellijIDEA provides a plugin manager which allows user to download plugins from IDE. Plugin manager is available from Settings dialog.
No further step is required, see Settings for available options.

How does it work ?

xStructure provides a flexible way to customize Structure view. This is achieved through custom mapping definition files. These files define how each XML element must be displayed (or hidden) inside Structure view. Rules are based on regular expressions or XPath. A mapping definition file is associated to one or more DTD or XML Schemas. When a XML file is opened inside IntellijIDEA, Structure view is automatically customized according to mappings found for current file.

How do I find mapping definition files ?

A set of definition files are bundled in xStructure plugin. They target some common XML file types : Maven, Web Application, Portlet Application, Spring Beans, Hibernate Mapping,...

These files are automatically copied in `%INTELLIJ_CONFIG_DIR%/xstructure/default` directory so you may customized them.

You'll also find other definition files on this page : MappingDefinitionRepository.

Can I create or change mapping definition files ?

Yes, xStructure plugin loads all XML files stored in `%CONFIG_DIR%/xstructure` directory, recursively. You can change existing files or create new ones. See this page to help you writing mapping definition files (but reading an existing file should be enough): CustomizationGuide.

You are welcome to share your contributions by sending them to me on sylfradev:yahoo:fr. I will publish them on mapping definition repository.

What is planned for next releases ?

See the Features page to see features planned for next releases.

You are also welcome to send your requests using Issue tracker.

Found a bug ?

Please, describe it using Issue tracker.