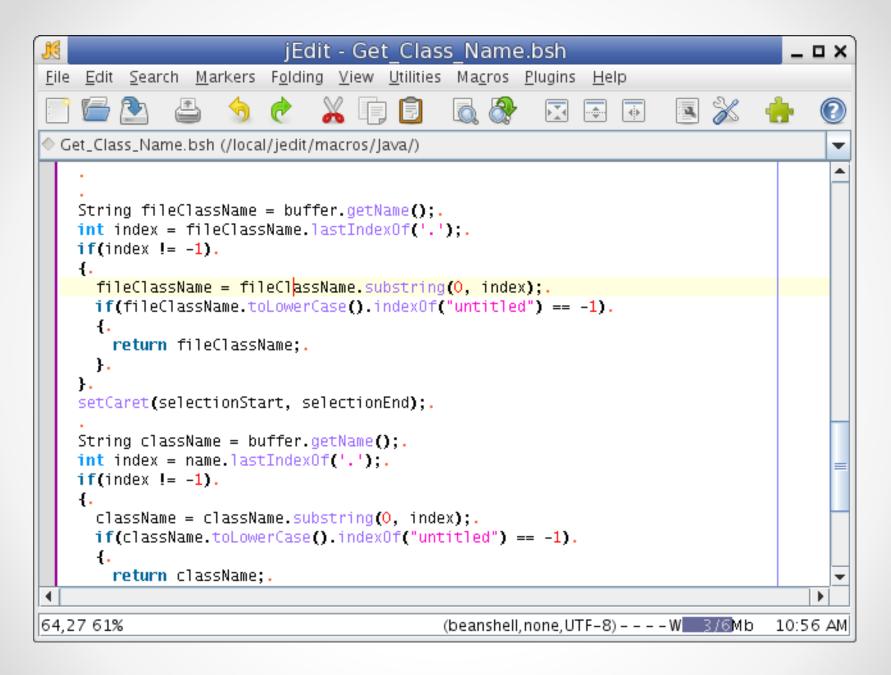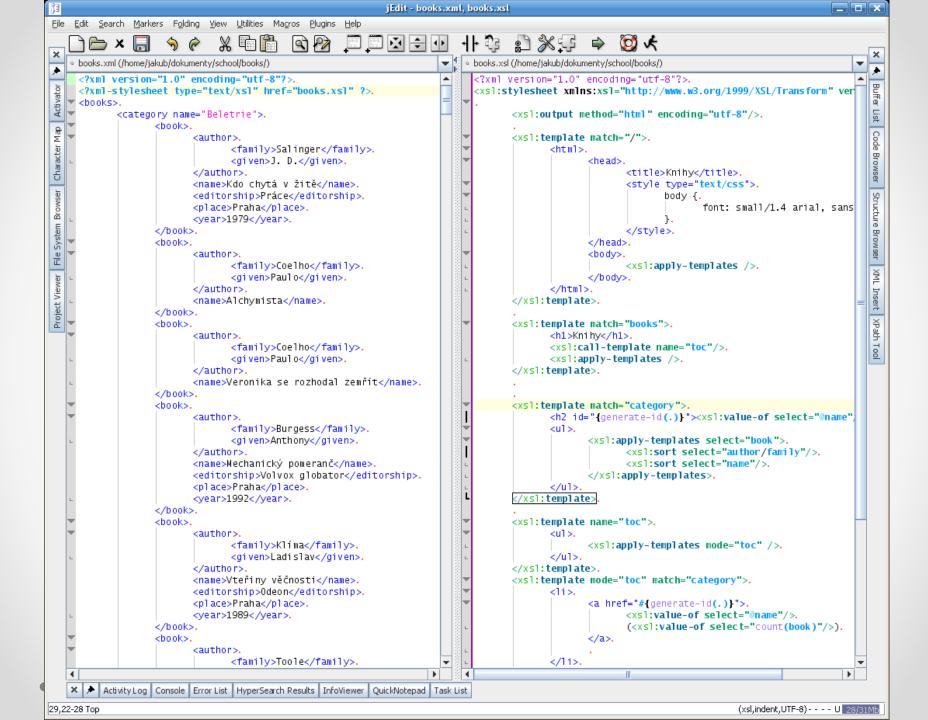# jEdit
Programmer's Text Editor

Jan Šrogl

jEdit

- Open-source text editor
- Written in Java
  - Available for all operating systems capable of running Java 1.6 (till version 5.1), Java 1.7 (v 5.2)
- GUI uses Swing toolkit
- Contains syntax highlighting of over 200 languages
- Macros creation (Beanshell, Jython, Javascript)
- After-instalation size 32MB

File   Edit   Search   Markers   Folding   View   Utilities   Macros   Plugins   Help

Get_Class_Name.bsh (/local/jedit/macros/Java/)

```
String fileClassName = buffer.getName();.
int index = fileClassName.lastIndexOf('.');.
if(index != -1).
{.
    fileClassName = fileClassName.substring(0, index);.
    if(fileClassName.toLowerCase().indexOf("untitled") == -1).
    {.
        return fileClassName;.
    }.
}.
setCaret(selectionStart, selectionEnd);.

String className = buffer.getName();.
int index = name.lastIndexOf('.');.
if(index != -1).
{.
    className = className.substring(0, index);.
    if(className.toLowerCase().indexOf("untitled") == -1).
    {.
        return className;.
```

64,27 61%   (beanshell,none,UTF-8) - - - -W   3/6Mb   10:56 AM

File   Edit   Search   Markers   Folding   View   Utilities   Macros   Plugins   Help

books.xml (/home/jakub/dokumenty/school/books/)

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" href="books.xsl" ?>
<books>
    <category name="Beletrie">
        <book>
            <author>
                <family>Salinger</family>
                <given>J. D.</given>
            </author>
            <name>Kdo chytá v žitě</name>
            <editorship>Práce</editorship>
            <place>Praha</place>
            <year>1979</year>
        </book>
        <book>
            <author>
                <family>Coelho</family>
                <given>Paulo</given>
            </author>
            <name>Alchymista</name>
        </book>
        <book>
            <author>
                <family>Coelho</family>
                <given>Paulo</given>
            </author>
            <name>Veronika se rozhodal zemřít</name>
        </book>
        <book>
            <author>
                <family>Burgess</family>
                <given>Anthony</given>
            </author>
            <name>Mechanický pomeranč</name>
            <editorship>Volvox globator</editorship>
            <place>Praha</place>
            <year>1992</year>
        </book>
        <book>
            <author>
                <family>Klíma</family>
                <given>Ladislav</given>
            </author>
            <name>Vteřiny věčnosti</name>
            <editorship>Odeon</editorship>
            <place>Praha</place>
            <year>1989</year>
        </book>
        <book>
            <author>
                <family>Toole</family>
```

books.xsl (/home/jakub/dokumenty/school/books/)

```xml
<?xml version="1.0" encoding="utf-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" ver

    <xsl:output method="html" encoding="utf-8"/>

    <xsl:template match="/">
        <html>
            <head>
                <title>Knihy</title>
                <style type="text/css">
                    body {
                        font: small/1.4 arial, sans
                    }
                </style>
            </head>
            <body>
                <xsl:apply-templates />
            </body>
        </html>
    </xsl:template>

    <xsl:template match="books">
        <h1>Knihy</h1>
        <xsl:call-template name="toc"/>
        <xsl:apply-templates />
    </xsl:template>

    <xsl:template match="category">
        <h2 id="{generate-id(.)}"><xsl:value-of select="@name"
        <ul>
            <xsl:apply-templates select="book">
                <xsl:sort select="author/family"/>
                <xsl:sort select="name"/>
            </xsl:apply-templates>
        </ul>
    </xsl:template>

    <xsl:template name="toc">
        <ul>
            <xsl:apply-templates mode="toc" />
        </ul>
    </xsl:template>
    <xsl:template mode="toc" match="category">
        <li>
            <a href="#{generate-id(.)}">
                <xsl:value-of select="@name"/>
                (<xsl:value-of select="count(book)"/>).
            </a>
        </li>
```

Activity Log   Console   Error List   HyperSearch Results   InfoViewer   QuickNotepad   Task List

29,22-28 Top   (xsl,indent,UTF-8) - - - - U 28/31Mb
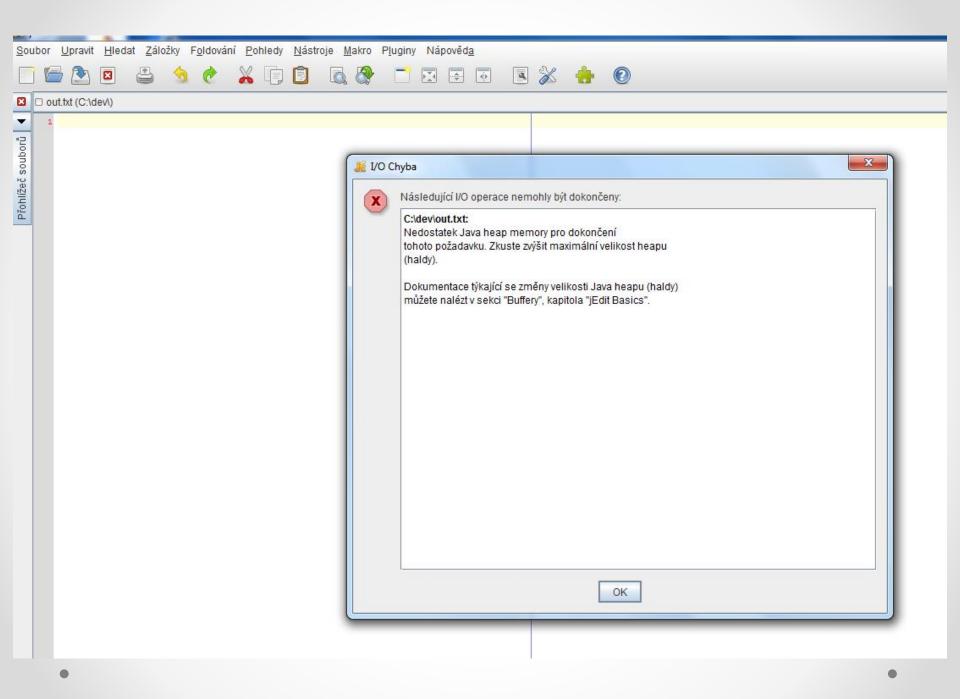
History

- Created by Slava Pestov
- First version in 1998
- In 2006 he left the project to community
- Actual version 5.2.0
  - Last update 15.12.2015

Development

- Code management via SVN (Sourceforge.net)
- plugins – Git (Sourceforge.net)

Selected issue

- #494 Add option to cancel opening large files
  - o http://sourceforge.net/p/jedit/feature-requests/494/
  - o A feature request, which will prevent opening too large files after start of the program

jEdit
Programmer's Text Editor

Thank you for your attention