



Introducing the Visual Editor for XML

Florian Thienel 11/03/2011

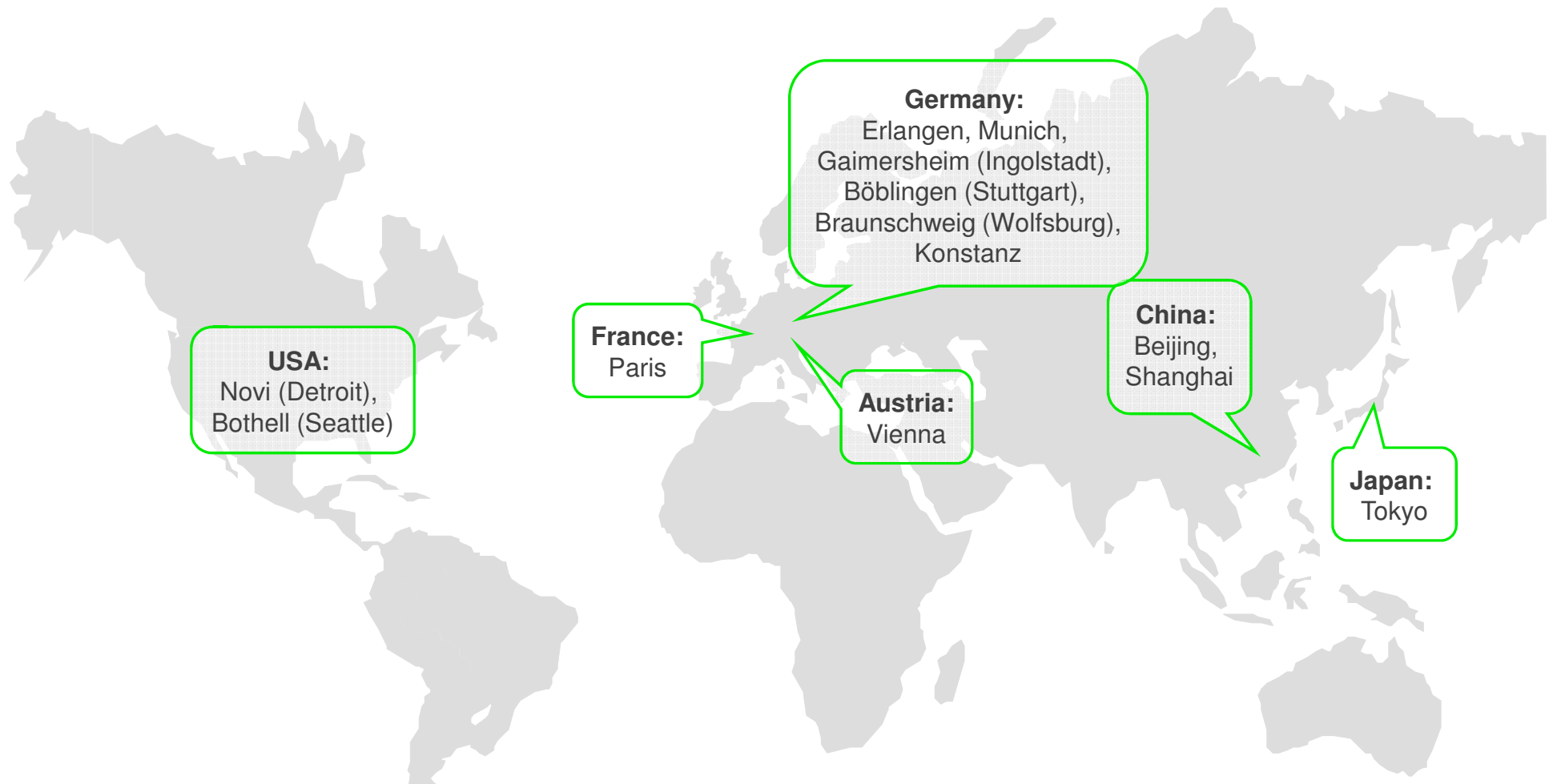
Who I am

- Project Lead of the Vex project
- Eclipse RCP enthusiast
- Expert on XML authoring and single source publishing solutions
- Senior Software Engineer at Elektrobit Automotive GmbH
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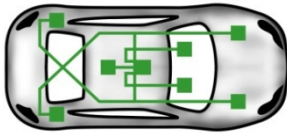
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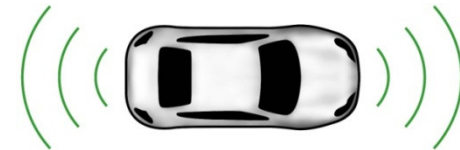
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What is Vex?

Securing Your Apache Server with SSL

Test insert of some code.

Getting Started with SSL on Apache

There are a few key ingredients you will need to use with Apache to secure your Web server: OpenSSL, mod_ssl, and root access to the server.

OpenSSL is a command line toolkit for using secure sockets layer encryption on a server and can be acquired from <http://www.openssl.org>. This tool works with Apache module mod_ssl in carrying out SSL-related tasks. Any modern Linux/Unix installation will come with OpenSSL, you will be required to install OpenSSL if your hosting your Apache server on Windows. You will need root/admin privileges to install OpenSSL.

You must also ensure that mod_ssl is available on your server. To see which modules are active in Apache, issue the following command in a Terminal as root/user on your server.

```
# httpd -l
```

If you have a recent Linux distribution installed, it is likely Apache's modules are compiled as dynamic loadable modules in which case you'll need to edit your httpd.conf file and check that the following line is uncommented.

```
LoadModule ssl_module modules/libmodssl.so
```

Restarting Apache will load the module into action.

```
# service httpd restart
```

NOTE

Note that in recent Apache distributions, the httpd.conf file contains an `<IfDefine HAVE_SSL>` section that is intended to contain the `<VirtualHost>` definitions for all your SSL Websites. By placing these definitions within the `<IfDefine>` section, you can ensure that the sites will not be made available unless SSL support is successfully loaded on the server. This prevents any problems arising in which lack of SSL could expose your secure site



What Vex is definitely not!



HTML



```
<?xml version="1.0" encoding="UTF-8"?>
<?eclipse version="3.2"?>
<plugin>

  <extension-point id="doctypes" name="%extensionPoint.doctypes" schema="schema/doctypes" />
  <extension-point id="styles" name="%extensionPoint.styles" schema="schema/styles" />

  <extension point="org.eclipse.core.contenttype.contentTypes">
    <content-type
      base-type="org.eclipse.core.runtime.xml"
      file-extensions="*.xml"
      id="org.eclipse.wst.xml.vex.ui.XmlDocument"
      name="%contentType.XmlDocument.name" />
    </content-type>
  </extension>

  <extension
    point="org.eclipse.ui.editors">
    <editor
      name="%VexEditor.name"
      extensions="xml"
      icon="$nl$/vex16.gif"
      class="org.eclipse.wst.xml.vex.ui.internal.editor.VexEditor"
      contributorClass="org.eclipse.wst.xml.vex.ui.internal.editor.VexActionBar" />
    </editor>
  </extension>
</plugin>
```



Your "use case" should be, there's a 22 year old college student living in the dorms. How will this software get him laid?

Jamie Zawinsky in "Groupware Bad"

Scenario 1

The Original Use Case



So what?
Who cares?
I am a developer!
I write code – no documents!

Scenario 2

The Magic Widget You Were Always Looking For



Hands On!

Get the code:

```
git clone git://git.eclipse.org/gitroot/mylyn/org.eclipse.mylyn.docs.vex.git  
git clone git://github.com/ftl/WikiText-Editor.git
```

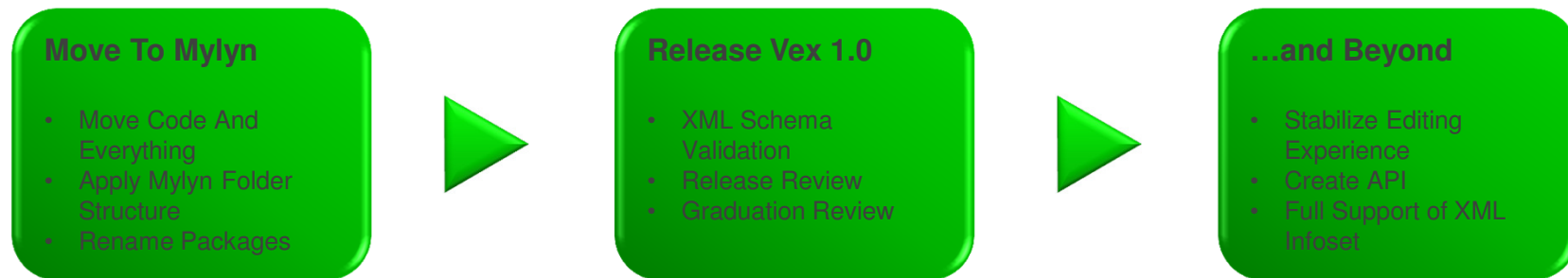
Find everything else in the Eclipse Wiki:
<http://wiki.eclipse.org/Vex>

Be a good citizen! Contribute!



Image © two stout monks, <http://www.flickr.com/photos/twostoutmonks/89382300>,
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Status Quo and Beyond





<http://wiki.eclipse.org/Vex>

git.eclipse.org/gitroot/mylyn/org.eclipse.mylyn.docs.vex.git

github.com/ftl/WikiText-Editor.git

florian.thienel@elektrobit.com

Thank You

Any Questions?

Elektrobit is hiring Java and C++ developers. Visit <http://www.elektrobit.com/career>

