

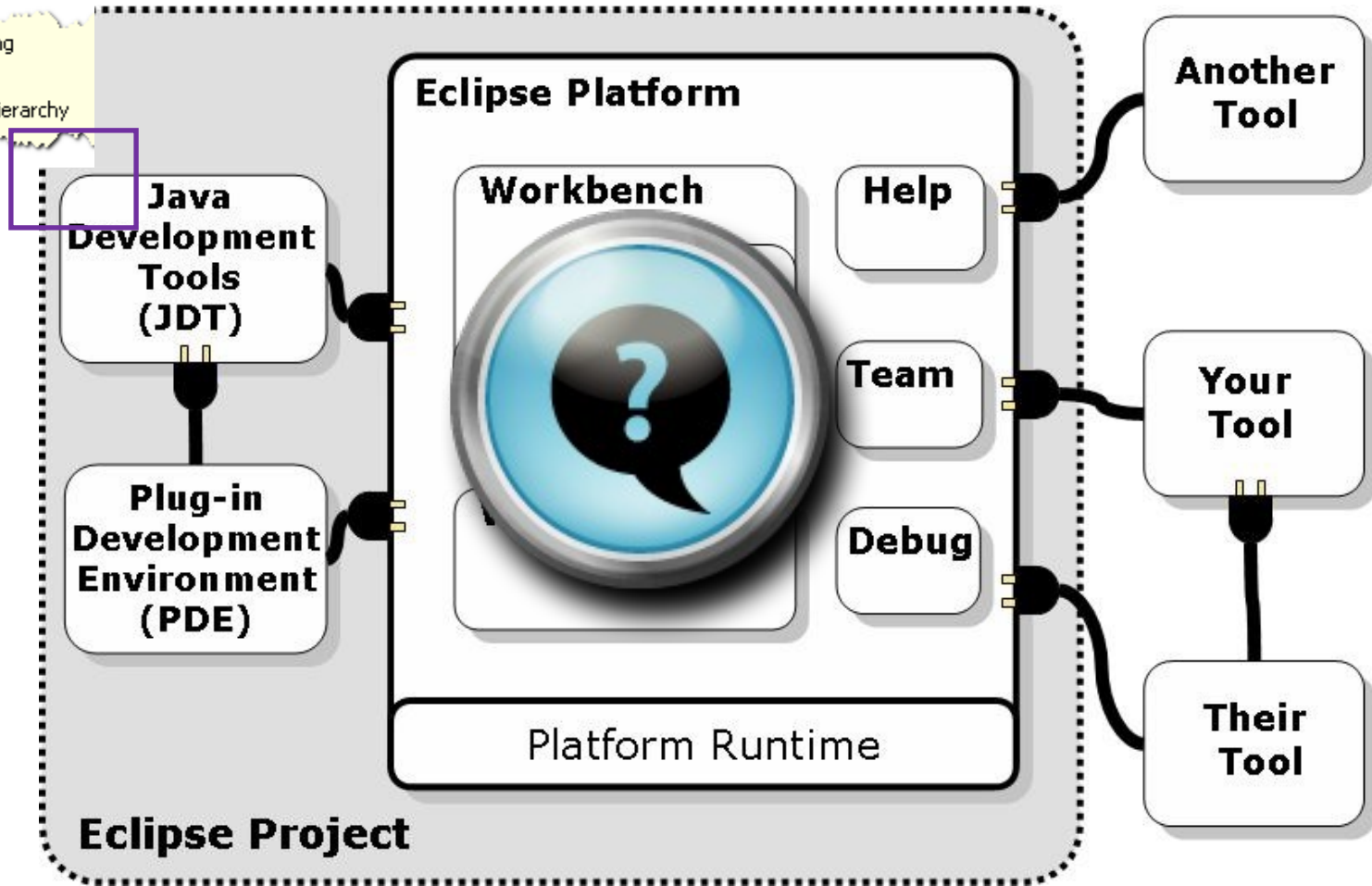
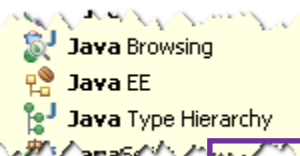
# Product Customization

[bartosz.michalik@cs.put.poznan.pl](mailto:bartosz.michalik@cs.put.poznan.pl)



- Equinox Transforms
- Google Summer of Code
- Demo

# Equinox Transforms - Problem ?



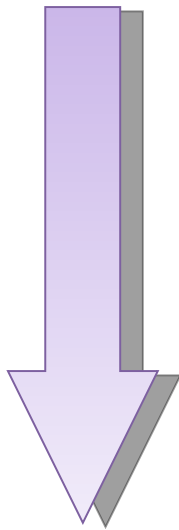
- dostosowanie



- włączenie całości



[http://wiki.eclipse.org/Product\\_Customization](http://wiki.eclipse.org/Product_Customization)



```
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="view">
    <xsl:if test="@id='org.eclipse.ui.views.TaskList'">
      <xsl:copy>
        <xsl:apply-templates select="node()|@*"/>
      </xsl:copy>
    </xsl:if>
  </xsl:template>
  <xsl:template match="node()|@*">
    <xsl:copy>
      <xsl:apply-templates select="node()|@*"/>
    </xsl:copy>
  </xsl:template>
</xsl:stylesheet>
```

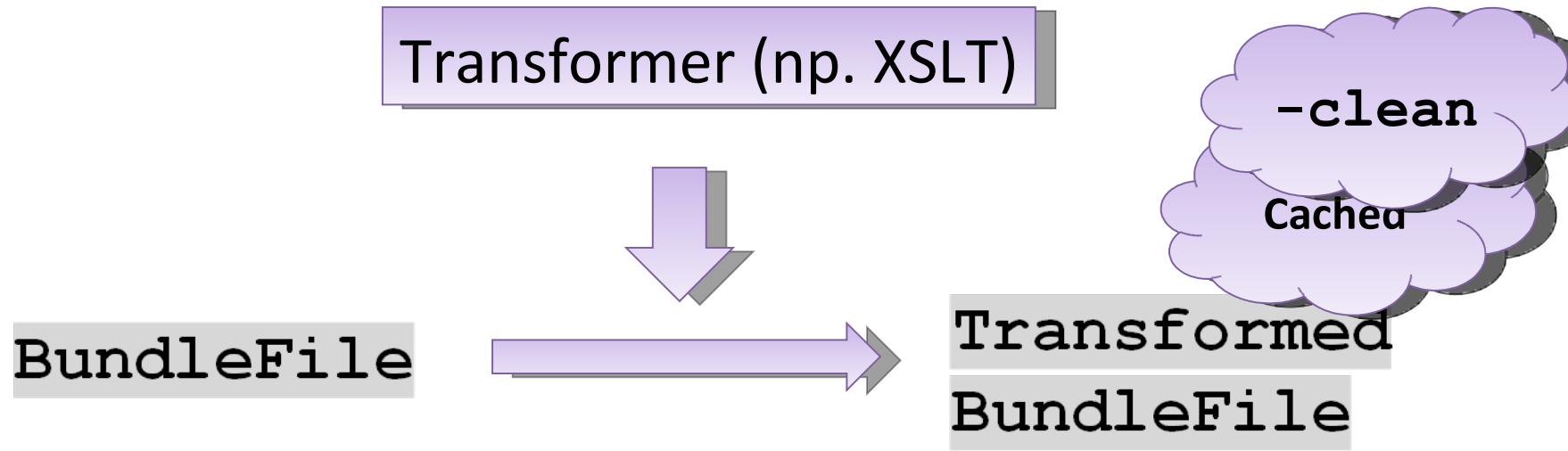
[http://wiki.eclipse.org/Equinox\\_Transforms](http://wiki.eclipse.org/Equinox_Transforms)

# Equinox Transforms

[http://wiki.eclipse.org/Adaptor\\_Hooks](http://wiki.eclipse.org/Adaptor_Hooks)

**public interface**

**BundleFileWrapperFactoryHook**



# Equinox Transforms



```
<xsl:stylesheet version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template
match="/plugin/extension[@point='org.eclipse.ui.views']/view[@id='testProduct.navigationView']" />
    <xsl:template match="node()|@*">
      <xsl:copy>
        <xsl:apply-templates select="node()|@*" />
      </xsl:copy>
    </xsl:template>
  </xsl:stylesheet>
```

```
testProduct,plugin\.xml,/transforms/testProduct.xml
extensionProject,plugin\.xml,/transforms/extensionProject.xml
```

# Equinox Transforms



```
osgi.framework.extensions=org.eclipse.equinox  
.transforms.hook  
osgi.bundles=...  
org.eclipse.equinox.transforms.xslt@1:start, .  
.. testProduct, testProduct.transforms@1:start  
...
```

```
public void start(BundleContext context) throws Exception {  
    Properties properties = new Properties();  
    properties.put("equinox.transformerType", "xslt"); //$NON-  
NLS-1$ //$NON-NLS-2$  
    fRegistration = context  
        .registerService(URL.class.getName(),  
            context.getBundle().getEntry(  
                "transforms/xslt_transforms.csv"), properties); //$NON-  
NLS-1$  
}
```







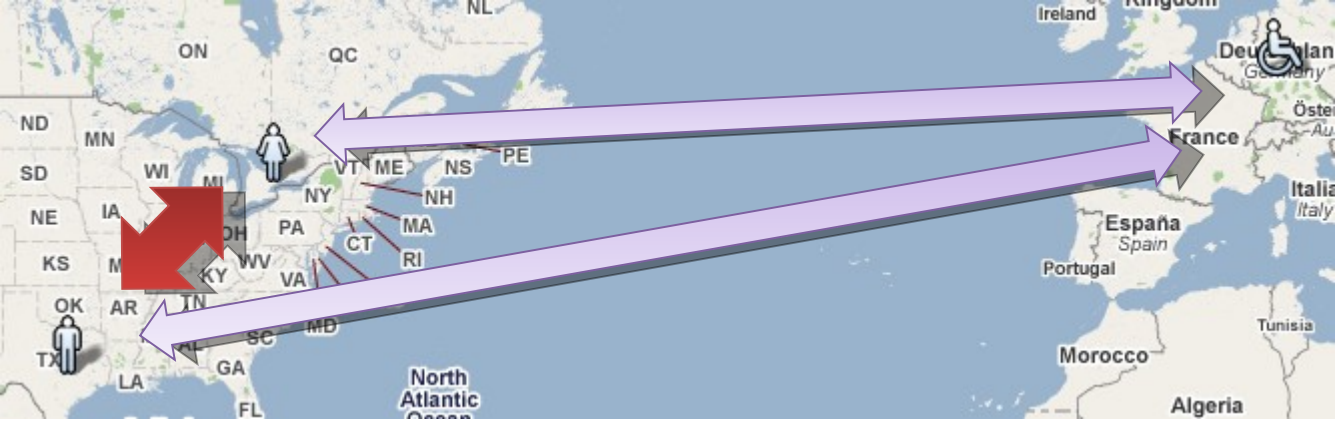
# Google Summer of Code



**Kim Horne**



**Chris Aniszczyk**





**Frankfurt am Main**



## Mainz

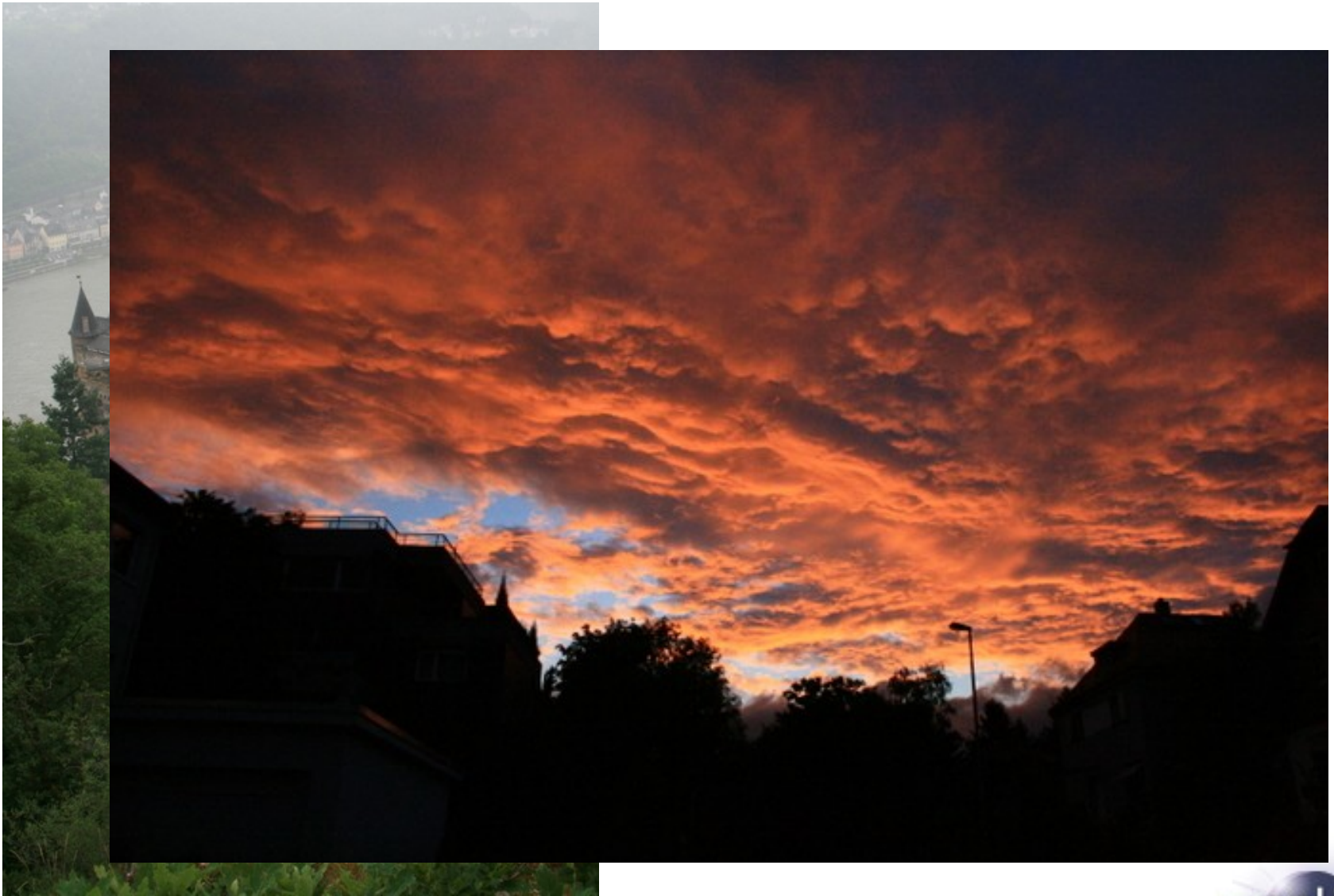


**Monachium**



**Alpy**





**Nadrenia**



# Demo

The screenshot shows the Eclipse IDE's Customization dialog. At the top, several tabs are open: testProduct.product, plugin.xml, testProduct.transforms, Activator.java, and testProduct.xml. The main area is titled "Customization" and contains an "Extensions" tree on the left. The tree shows a project named "extensionProject" with sub-entries for "org.eclipse.ui.views" (containing "Sample Category") and "org.eclipse.help.com". A red banner reads "This is an Eclipse RCP Product". Below the tree, there are radio buttons for "Do not use transforms for this product" (unselected) and "Use the following transforms" (selected). A text field "Project to contain transforms:" is partially visible.

Overlaid on the dialog is a window titled "+ RCP Product". It has a menu bar with "File" and "Help". Below the menu bar is a toolbar with a "+" icon and an envelope icon. A tab titled "+ other handy name" is active. The main content area displays an email message:

**Subject:** This is a message about the cool Eclipse RCP!  
**From:** [nicole@mail.org](mailto:nicole@mail.org)  
**Date:** 10:34 am

The message body contains the following text:

This RCP Application was generated from the PDE Plug-in Project wizard. This sample shows how to:

- add a top-level menu and toolbar with actions
- add keybindings to actions
- create views that can't be closed and multiple instances of the same view

Below the message is another window titled "This is an Eclipse DemoCamp 2008". It has a toolbar with two "i" icons and a dropdown arrow. The main content area shows a list of items: "One", "Three", and "Two", each with a small icon.

On the right side of the Customization dialog, there are two buttons: "Restore To Configuration" and "Remove From Configuration". At the bottom right, there is a "Remove" button.

At the bottom of the IDE, a tab bar shows "Overview", "Configuration", "Launching", "Splash", "Branding", and "Customization" (which is the active tab).







**Informacje:**

**<http://frankfurt-days.blogspot.com/>**

**<http://code.google.com/p/product-customization/>**

