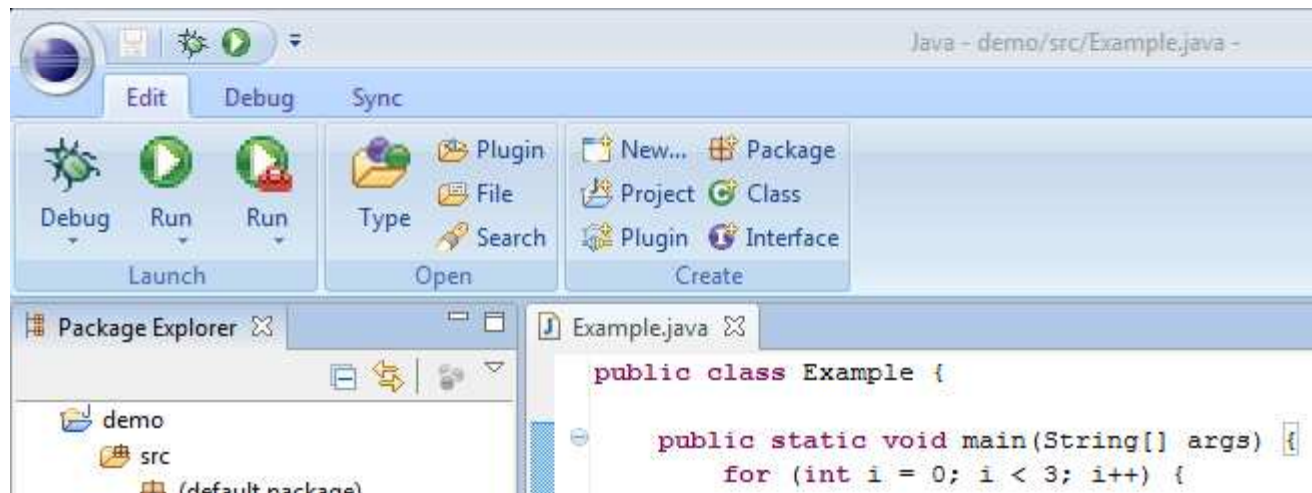


# The Ribbon IDE

## A leaner, modern UI for Eclipse



Elias Volanakis



Java - pde.test.utils/src/pde/test/utils/PDETestListener.java - Eclipse Platform

File Edit Source Refactor Navigate Search Agitar Aptana Project Blogging Crap4j T4Eclipse Dependencies Run Field Assist AVR Cohatoo Examples Scripts Games  
SmartQVT Groovy Monkey JML Treaty XCDE PISql Menu DbLauncher Bookmarked PDFs Keytool Window Help

Quick Search

Package Hierarchy Compo

- src
  - pde.test.utils
    - PDETestListener.java
    - PDETestPortLocator.java
    - PDETestResultsCollector.java

Databases

Filter:

- Databases
- Database Bookmarks

inCode Quick View

Method Interaction on testRunStarted

ConcernMapper

PDETestListener.java

```

    }
    return xmlResultsFormatter;
  }

  public synchronized void testRunStarted(int testCount) {
    totalNumberOfTests = testCount;
    testsRunCount = 0;
    numberOfTestsPassed = 0;
    numberOfTestsFailed = 0;
    numberOfTestsWithError = 0;
    testRunEnded = false;
    getXMLJUnitResultFormatter().startTestSuite(junitTest
    System.out.println("PDE Test Run Started - running "
  }

  public synchronized void testRunEnded(long elapsedTime) {
    testRunEnded = true;
    junitTestSuite.setCounts(testsRunCount, numberOfTests
    junitTestSuite.setRunTime(elapsedTime);
    getXMLJUnitResultFormatter().endTestSuite(junitTestSu
    System.out.println("Test Run Ended - " + (failed()
  }

```

Task List

Find: All Act

Uncategorized

Out Jar Co

testRunStarted(int)  
testRunEnded(long)

Spring Explorer

Prob @ Java Decl Dep Clas Con

Fly Buzz

Recommendatio

Macro Trace

Name	Target/Recom...	Rating
Unable to get stats from localhost:...		

Ctrl Contrib (Bottom)

pde.test.uti...st.utils/src 181.9 MB used 464.8 MB allo GC Updating indexes

Java - de.volankis.ribbonide/src/de.volankis.ribbonide/internal/AbstractShellBuilder.java - Eclipse SDK

File Edit Source Refactor Navigate Search Project Run Window Help

AbstractShellBuilder.java

```
* Copyright (c) 2009, Elias Volankis
package de.volankis.ribbonide.internal;

import java.util.ArrayList;

public abstract class AbstractShellBuilder {

    private final Shell shell;
    private final List<AbstractTabBuilder> tabBuilders = new ArrayList<AbstractTabBuilder>();

    private RibbonShell ribbonShell;
    private String text;
    private Image image;

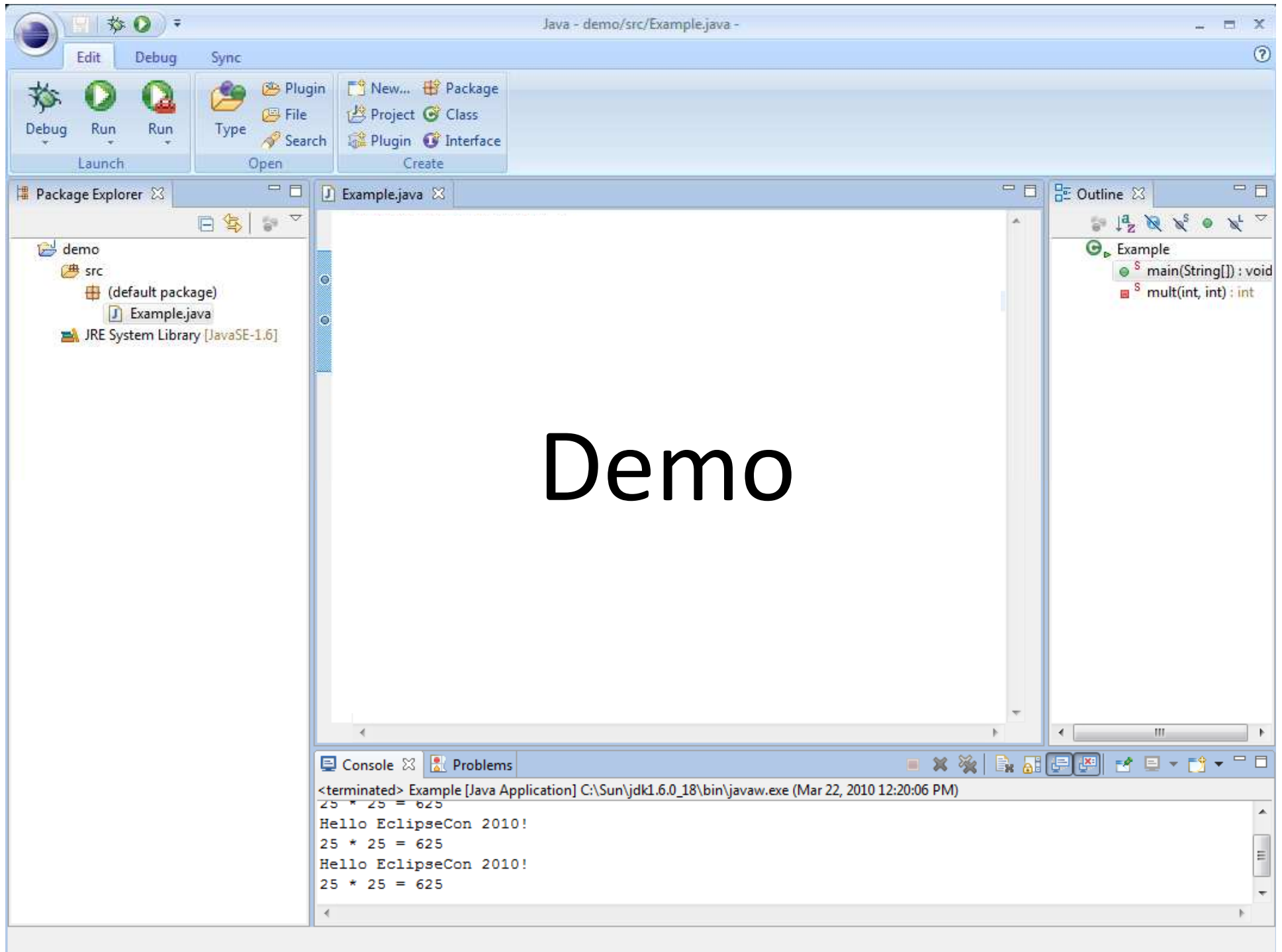
    public AbstractShellBuilder(Shell shell, String shellName) {
        Assert.isNotNull(shell);
        this.shell = shell;
        Assert.isNotNull(shellName);
        text = shellName;
        image = ICE.getImage("eclipse_24.png");
    }

    public final void addTabBuilder(AbstractTabBuilder tabBuilder) {
        Assert.isNotNull(tabBuilder);
        tabBuilders.add(tabBuilder);
    }

    public Control create() {
        ribbonShell = new RibbonShell(shell);
        ribbonShell.setButtonImage(image);
        ribbonShell.setText(text);
        configureHelp(ribbonShell.getRibbonTabFolder());
        fillBigButtonMenu(ribbonShell.getBigButtonMenu());
        fillQuickAccessToolbar(ribbonShell.getToolbar());
        ribbonShell.addBigButtonListener(new SelectionAdapter() {
            @Override
            public void widgetSelected(SelectionEvent evt) {
                ribbonShell.getBigButtonMenu();
            }
        });
    }
}
```

Writable Smart Insert 2:1





## How?

- application extension point

```
<extension
  id="app"
  point="org.eclipse.core.runtime.applications">
  <application>
    <run class="de.volanakis.ribbonide.internal.app.RibbonIDEApplication"/>
  </application>
</extension>
```

- custom WorkbenchWindowAdvisor

```
public class RibbonIDEWorkbenchWindowAdvisor extends IDEWorkbenchWindowAdvisor {

    public void createWindowContents(final Shell shell) {
        IWorkbenchWindowConfigurer configurer = getWindowConfigurer();

        Control ribbon = createRibbon(configurer.getWindow());
    }
}
```

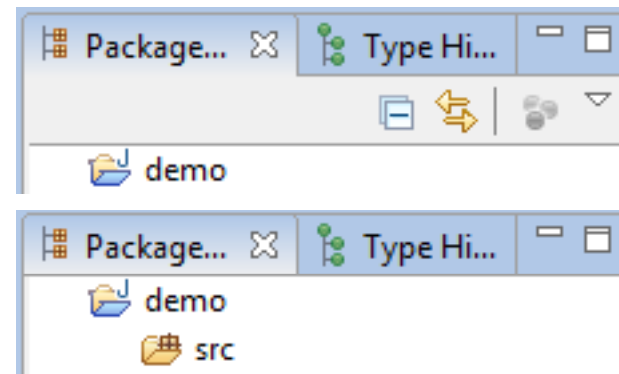
- forks the [Hexapixel Ribbon](#) – thanks Emil !

# Future Ideas

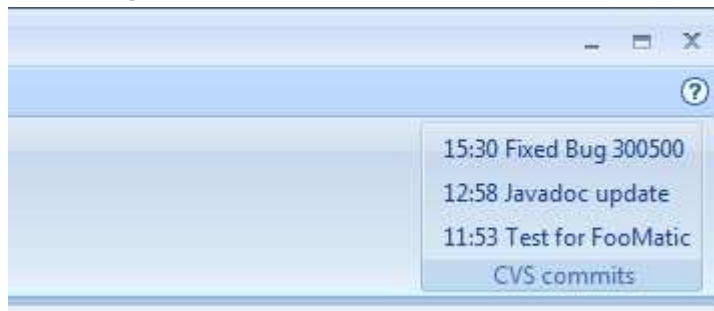
- Build Health Indicator



- Custom Presentation



- Integrated Dashboard



- Content customization (EP)

# Ribbon IDE Project

- [wiki.github.com/elias42/ribbonide/](http://wiki.github.com/elias42/ribbonide/)
- License: EPL
- Try it with 3.6 M6  
[github.com/elias42/ribbonide/downloads](http://github.com/elias42/ribbonide/downloads)
- Source on gitbhub. Hack it today!

Thanks for attending!

Feedback

[eclipse-dev@volanakis.de](mailto:eclipse-dev@volanakis.de)

@evolanakis on twitter

