Getting Started with NetBeans IDE

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About us

- UK based software company IDRsolutions founded in 1999
- First product grew out of an MSc project at University of Greenwich
- Using Java since 1997 and have used Vi, JBuilder, Visual Cafe, Eclipse, IDEA, NetBeans
- Regular speakers at JavaOne and other events
- Big NetBeans fans. Use NetBeans, help with testing, NetBeans partners, NetBeans dream team
- Work with PDF, HTML5, SVG in Java and JavaFX

Ask us about NetBeans, Java, HTML5, SVG, PDF or setting up and running a software business...



The talk will cover...

- Introducing NetBeans
- All the tools you will ever need for coding
- Debugging and testing with NetBeans
- Code quality
- Plugin manager
- Something about cats...

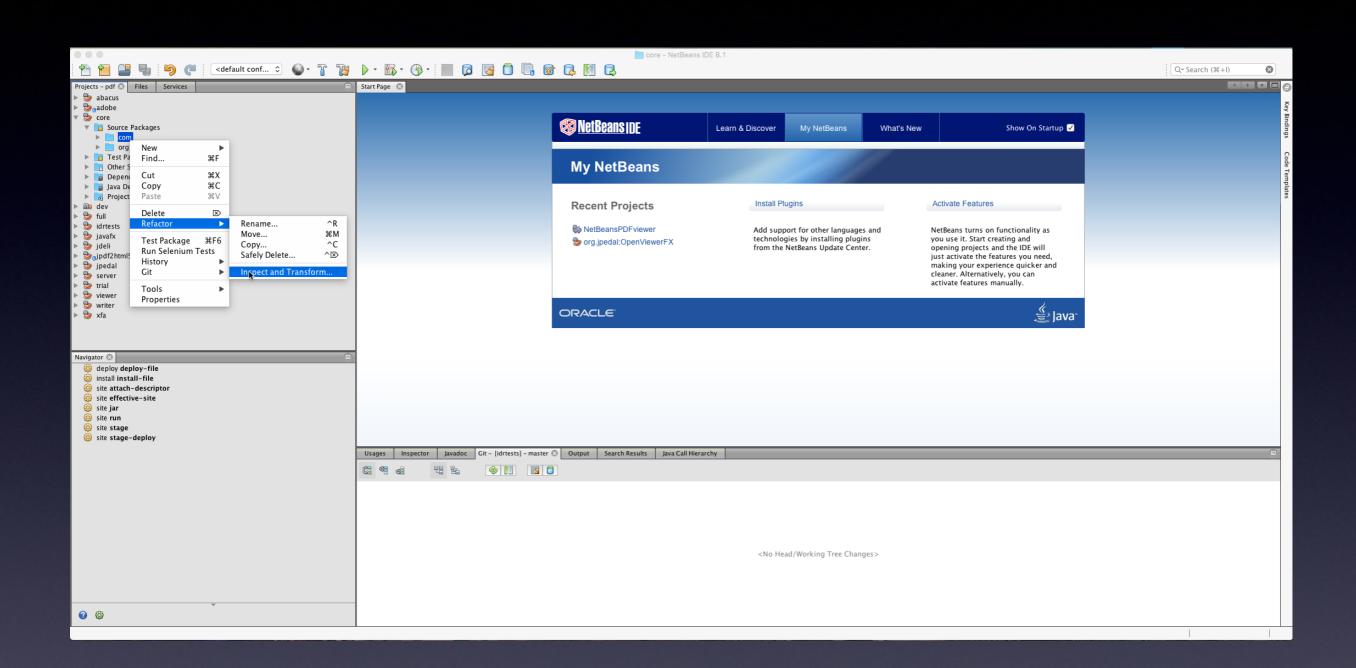


The NetBeans 'family'

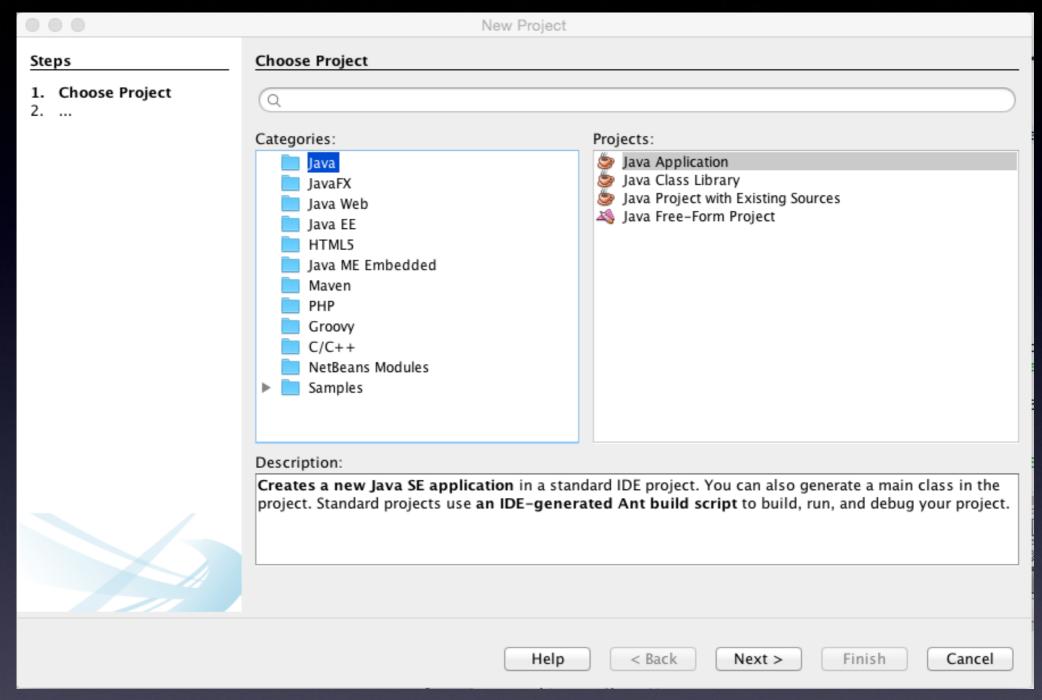
NetBeans NetBeans	IDE NetBeans Platform	Plugins Docs &	Support C	community	Partners	Sear	ch	
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DME / Download								
NetBeans IDE 8.1 D	ownload			8.0	0.2 8.1 Develo	opment JDK9 E	Branch Archive	
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	scribe to newsletters: Monthly Weekly Note: Greyed out technologies are not supported for this platfor						rted for this platform.	
✓ NetBe	eans can contact me at this a	address						
		N	etBeans 1	DE Dov	vnload Bundle	es		
Supported technologies *	Java SE	Java EE	HTML5/Ja	vaScript	PHP	C/C++	All	
NetBeans Platform SDK	•	•		•			•	
Java SE	•	•					•	
Java FX	•	•					•	
Java EE		•					•	
Java ME							_	
HTML5/JavaScript		•	•		•		•	
PHP			•		•		•	
⑥ C/C++						•	•	
Groovy							•	
Java Card™ 3 Connected							_	
Bundled servers								
GlassFish Server Open Sour Edition 4.1.1	ce	•					•	
Apache Tomcat 8.0.27		•					•	
	Download	Download	Down	load	Download	Download	Download	
	Free, 114 MB	Free, 234 MB	Free, 13	36 MB	Free, 136 MB	Free, 142 MB	Free, 263 MB	
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* See the installation instructions	for all the details.			Import	ant Legal Informa	ation:		
NetBear					NetBeans Community Distributions are available under a			
New to JavaScript, PHP, and C/C++ Development with NetBeans Dual License consist								
IDE? The HTML5/JavaScript, PHP, and C/C++ bundles, shown in the table above, include the Java Runtime Environment, which is needed to run NetBeans IDE. Download and install								
the bundle and you will be able to run and use NetBeans IDE immediately. You do not need to download and install a separate Java installation.					License file. See the Third Party License file for external components included in NetBeans and their associated			
•		-0		license	s.			
New to Java Development with NetBeans IDE? To run NetBeans IDE and develop Java programs, you need to install the Java SE								
Development Kit (JDK) first. JDF								
the 'Java SE', 'Java EÉ', and 'All latest JDK here or you can down	bundles shown in the table	above. You can do	wnload the					
Tip: ZIP distributions of NetBear	ns IDE are available here.							
Advanced Usage of NetBeans	IDE							
New to Java Desktop De	evelonment on the Na	etReans Platfo	m?					

IDE, SDK, Framework or Platform?

Context matters

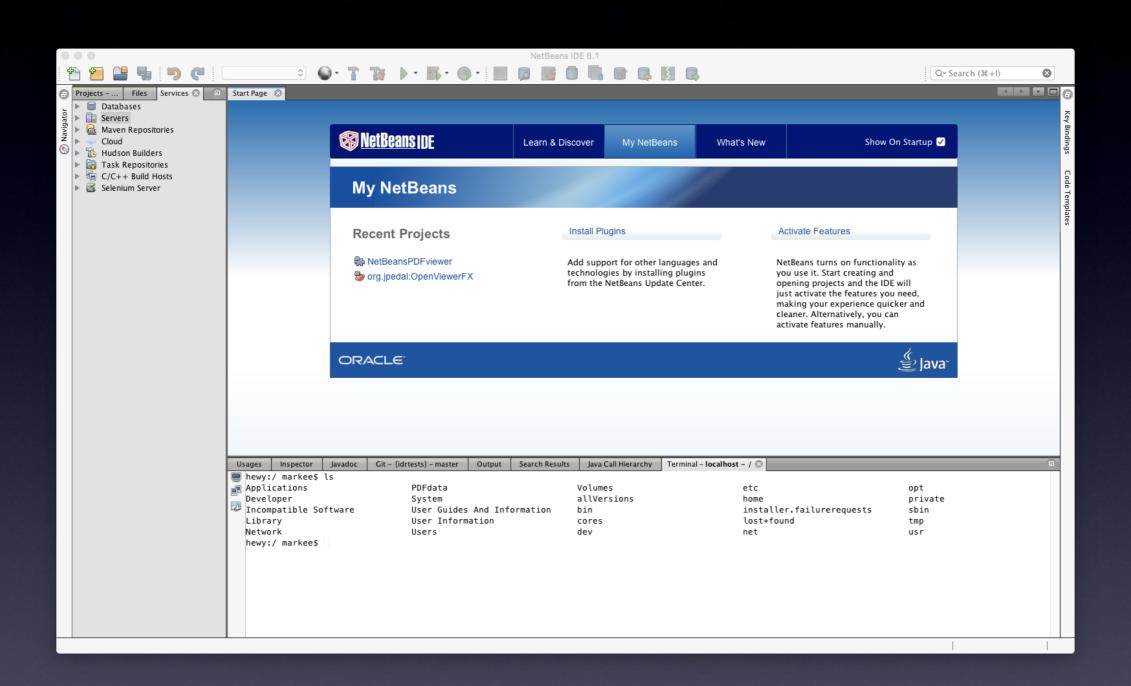


NetBeans Projects



You can have multiple projects all open at once Add other languages with Plugins (ie Android)...

You can live inside NetBeans



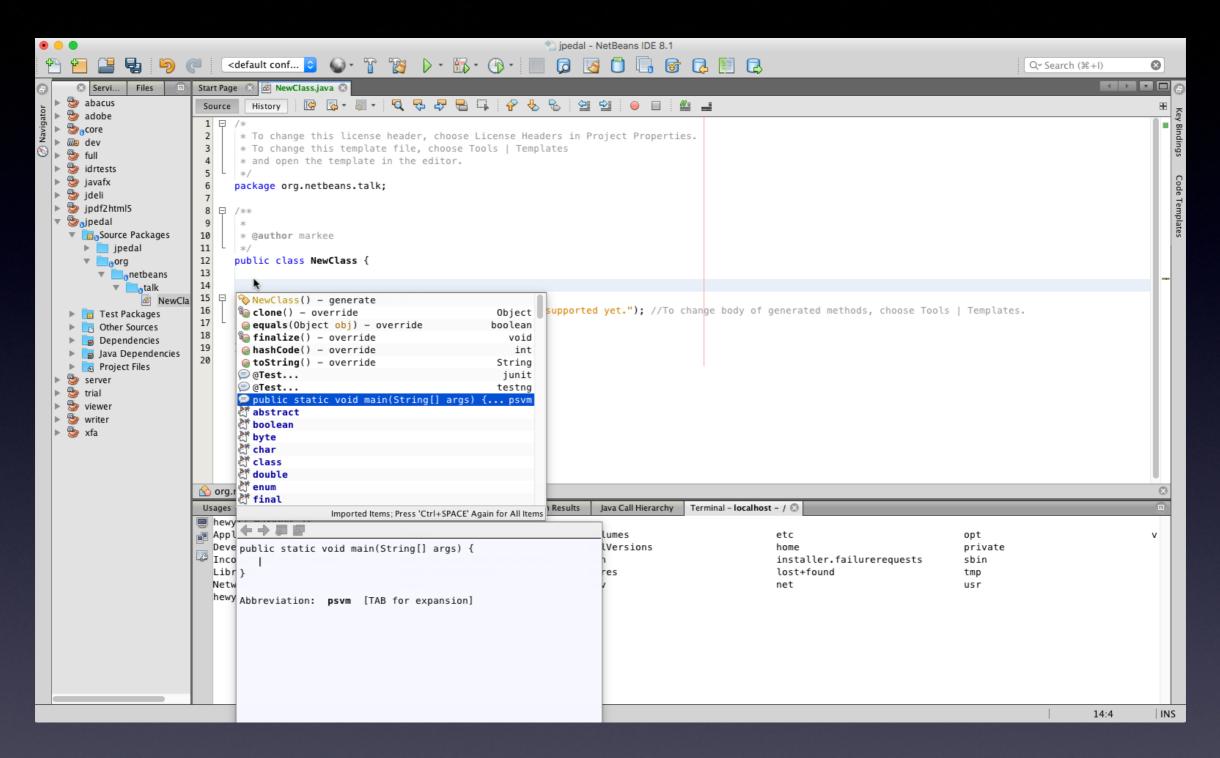
Start Page, services, full screen, even a shell...

Help writing code

```
Code Templates (2)
                           🔣 🚳 NewClass.java 🛭
  Source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Expands To... Description
  1 👨
                         * To change this license header, choose License Headers in Project Properties.
                         * To change this template file, choose Tools | Templates
                        * and open the template in the editor.
                      package org.netbeans.talk;
                        * @author markee
11
12
                     public class NewClass {
13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ✓ Context Sensitive
14
                                    private NewClass(String a) {
15
                                                   throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Telephone Tools | Tel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Key Bindings 🖾
16
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17
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org.netbeans.talk.NewClass
```

General options, templates, formatting and ability to refine keyboard shortcuts, sensible defaults

Inside NetBeans



code help, getters and setters, catching silly mistakes

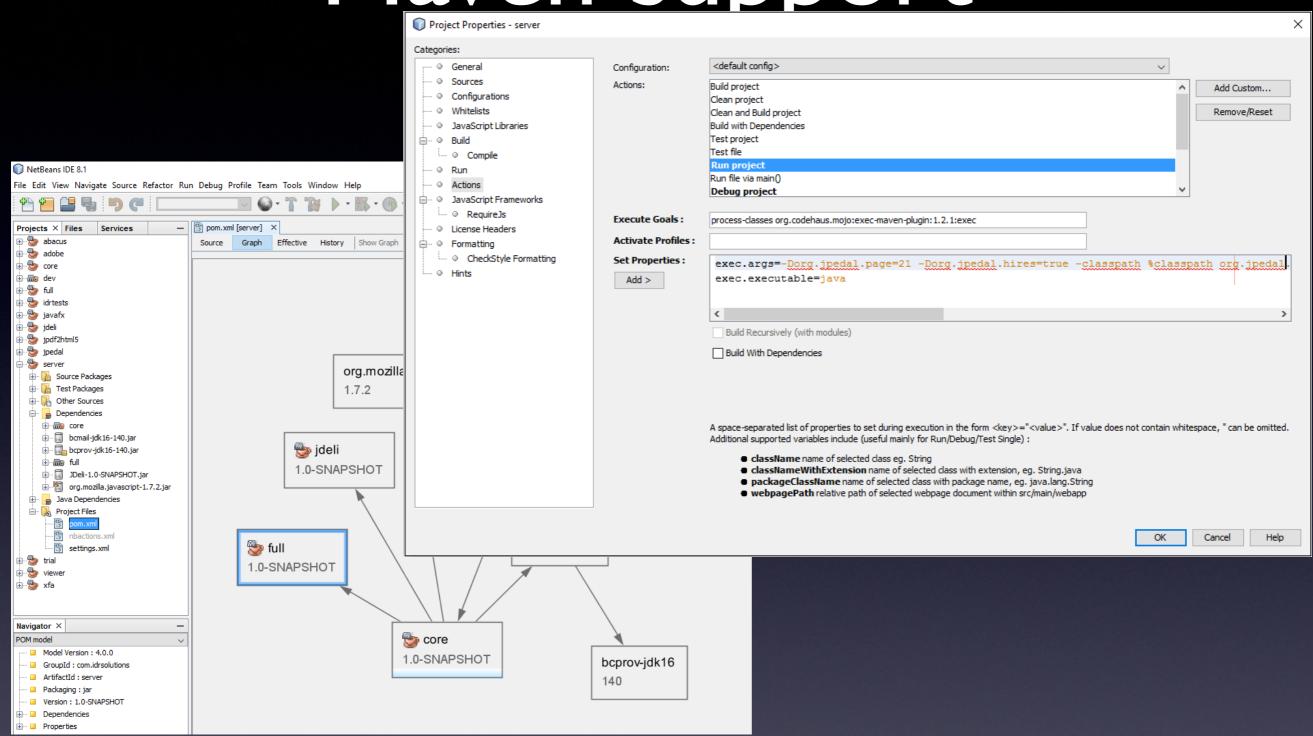
Good artists copy, great artists steal!

Quote from Pablo Picasso Georgia Ingham

	New Project							
Steps	Choose Project							
1. Choose Project 2	Q							
	Categories:	Projects:						
	Java FX Java Web Java EE HTML5 Java ME Embedded Maven PHP Groovy C/C++ NetBeans Modules Samples Java JavaFX HTML5 Web Services Java EE Maven PHP Groovy C/C++ NetBeans Modules	AdvancedMedia AudioVisualizer3D BrickBreaker ColorfulCircles ColorPicker CreateAdvancedStage Cube3D CubeSystem3D DigitalClock DisplayShelf Fireworks FXML-LoginDemo HTMLEditorApp ChangeListener ChartAdvancedArea ChartAdvancedBar ChartAdvancedBar ChartAdvancedScatter ChartAdvancedScatter ChartAdvancedScatter ChartAdvancedStockLine ChartAdvancedStockLine ChartAudioArea ChartAudioBar ChartAudioBar ChartLine KeyStrokeMotion Maven FXML MigPane Sample MouseEvents						
	Description: This feature is not yet enabled. Press Next to activate it.							
	An advanced media player with controls for play/pause, seek, and volume.							
	Note that samples are instructional and may not include all security mechanisms required for a production environment.							
	Help < Back	Next > Finish Cancel						

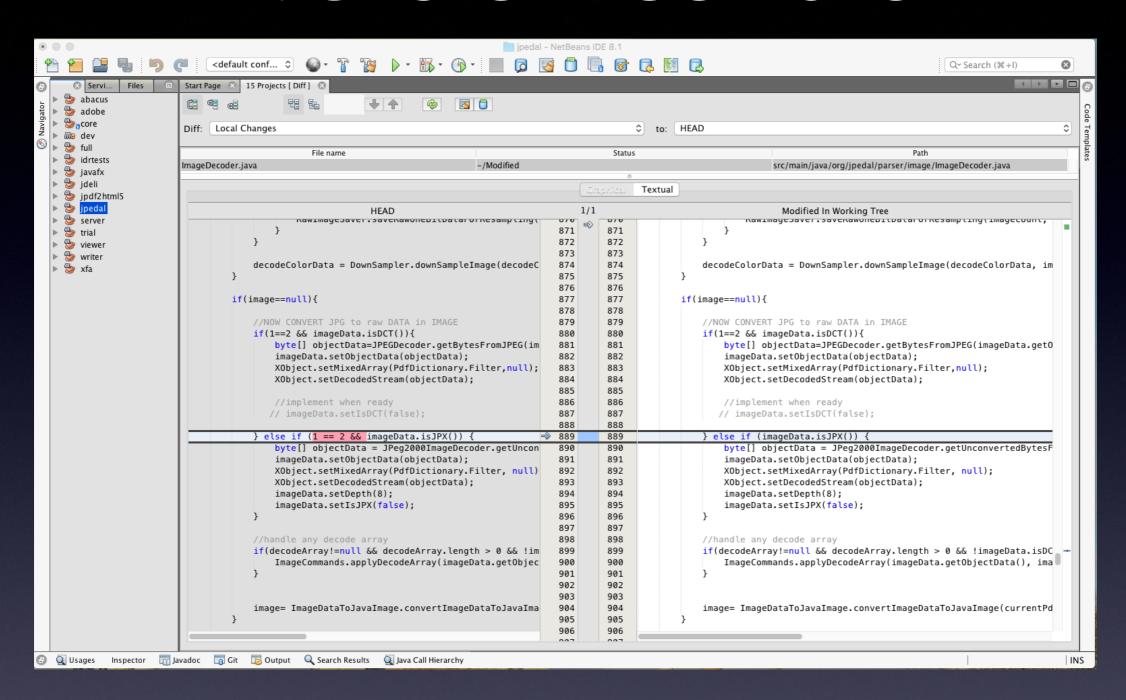
JavaFX - comments, history

Maven support



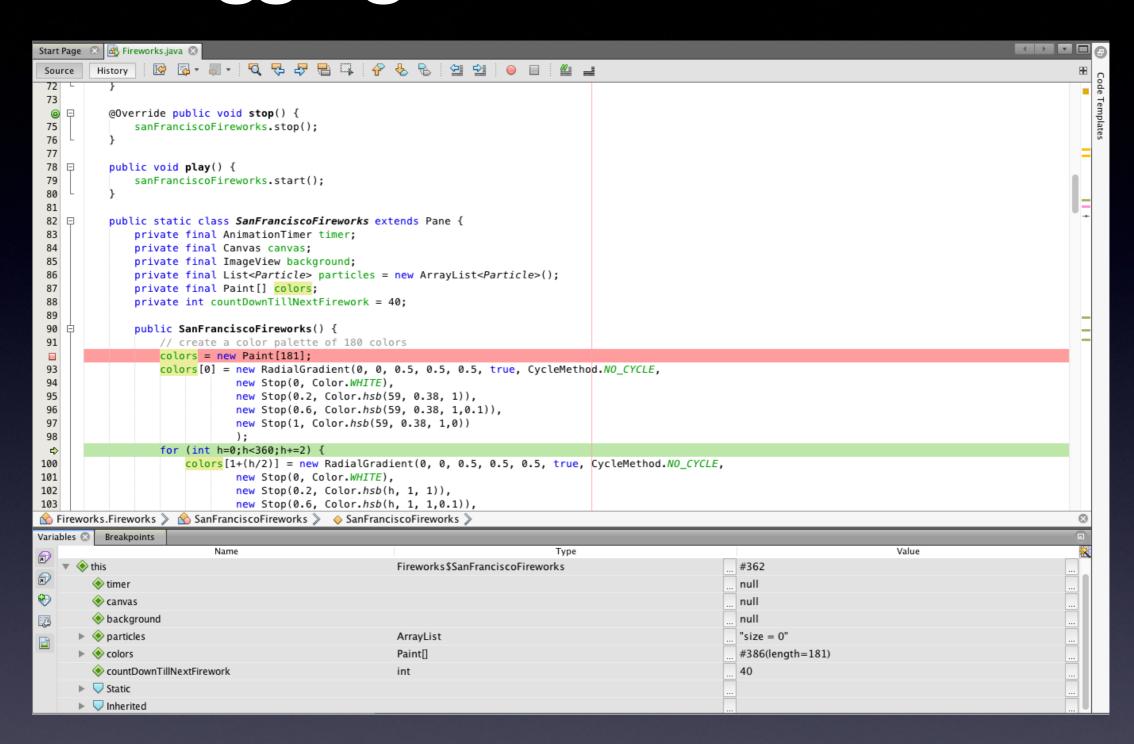
It just works...

Version control

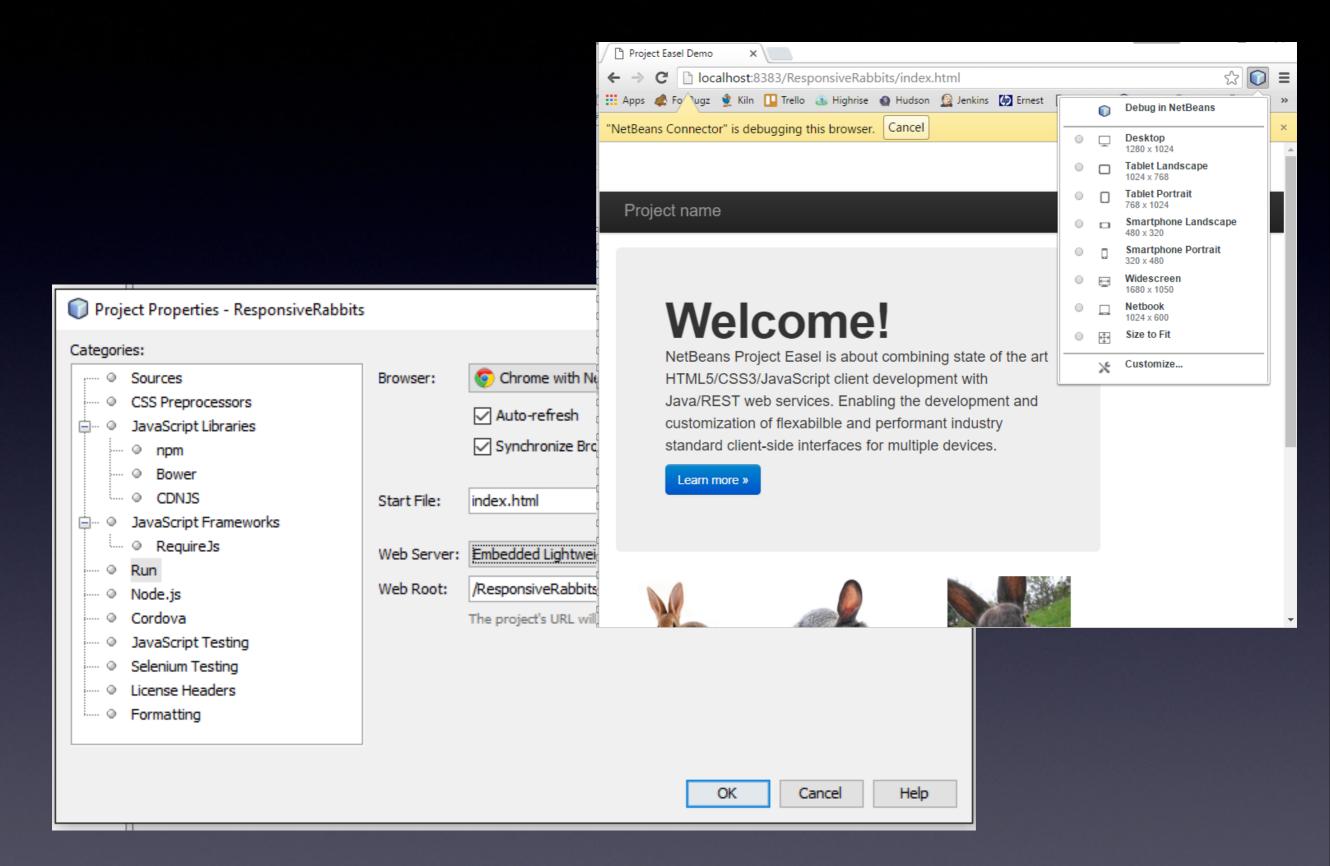


Note the toolbar is configurable....

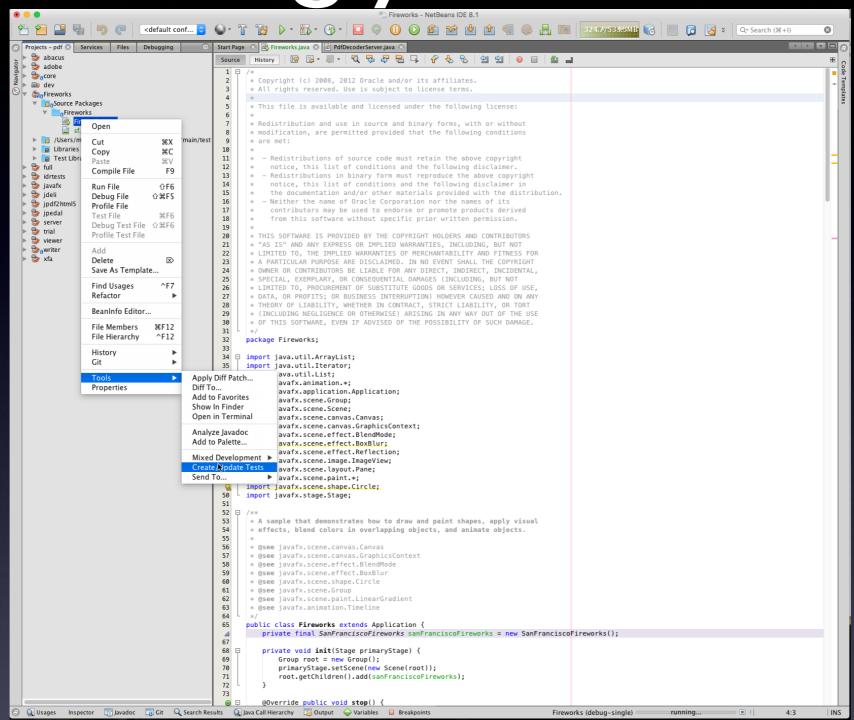
Debugging code in NetBeans...



...and Chrome

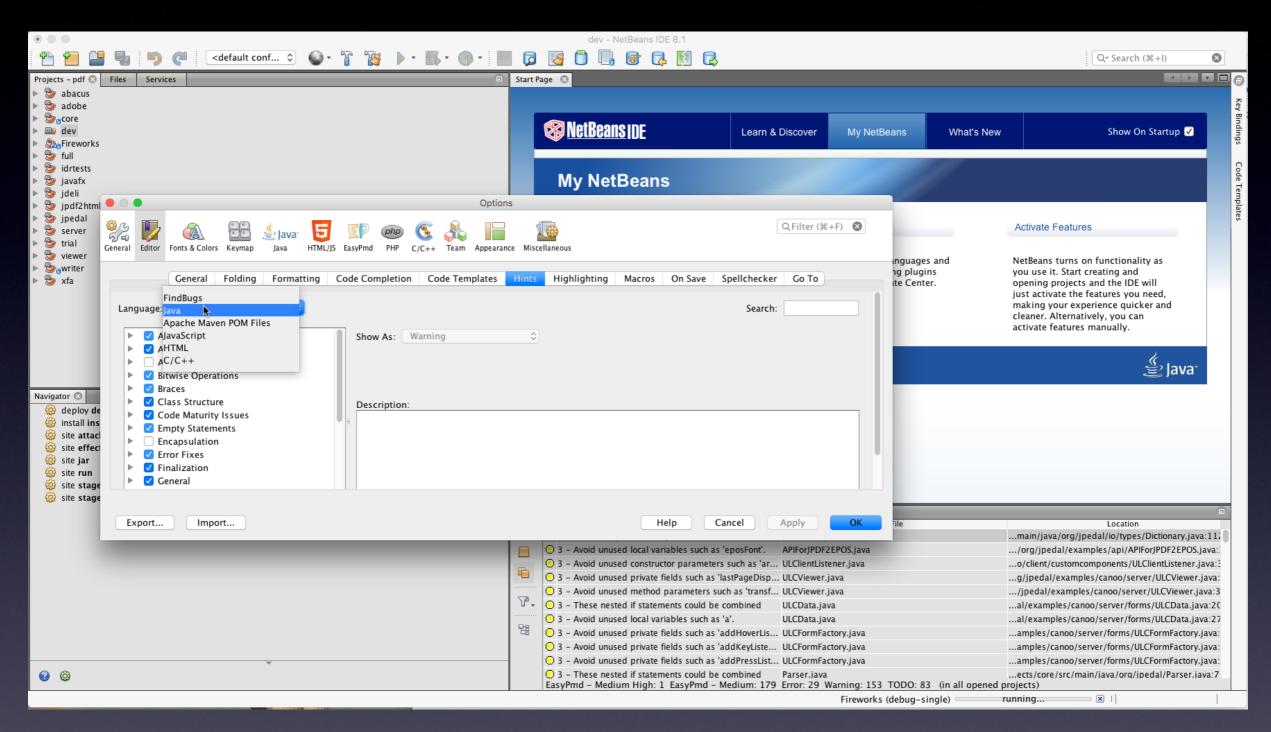


Testing your code



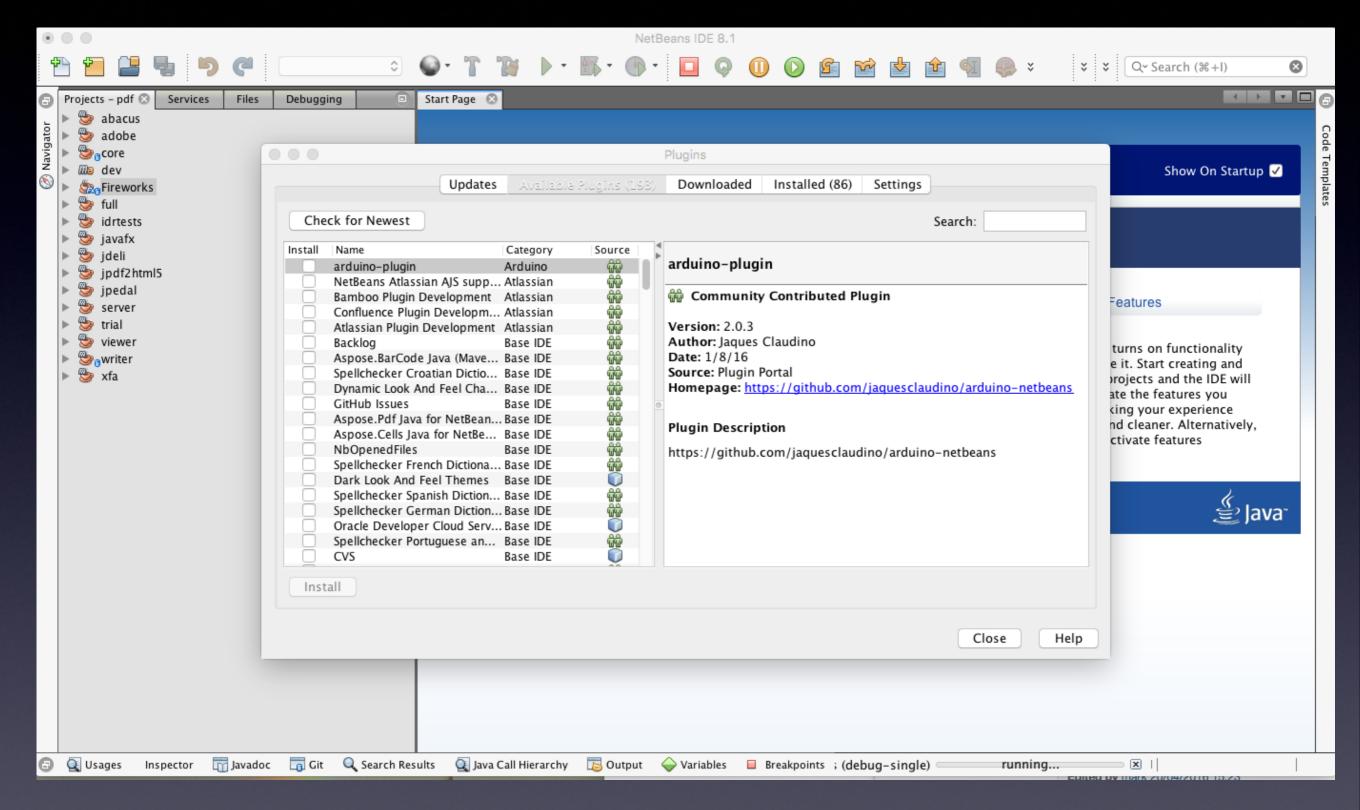
JUnit support for Continuous Integration

Code quality

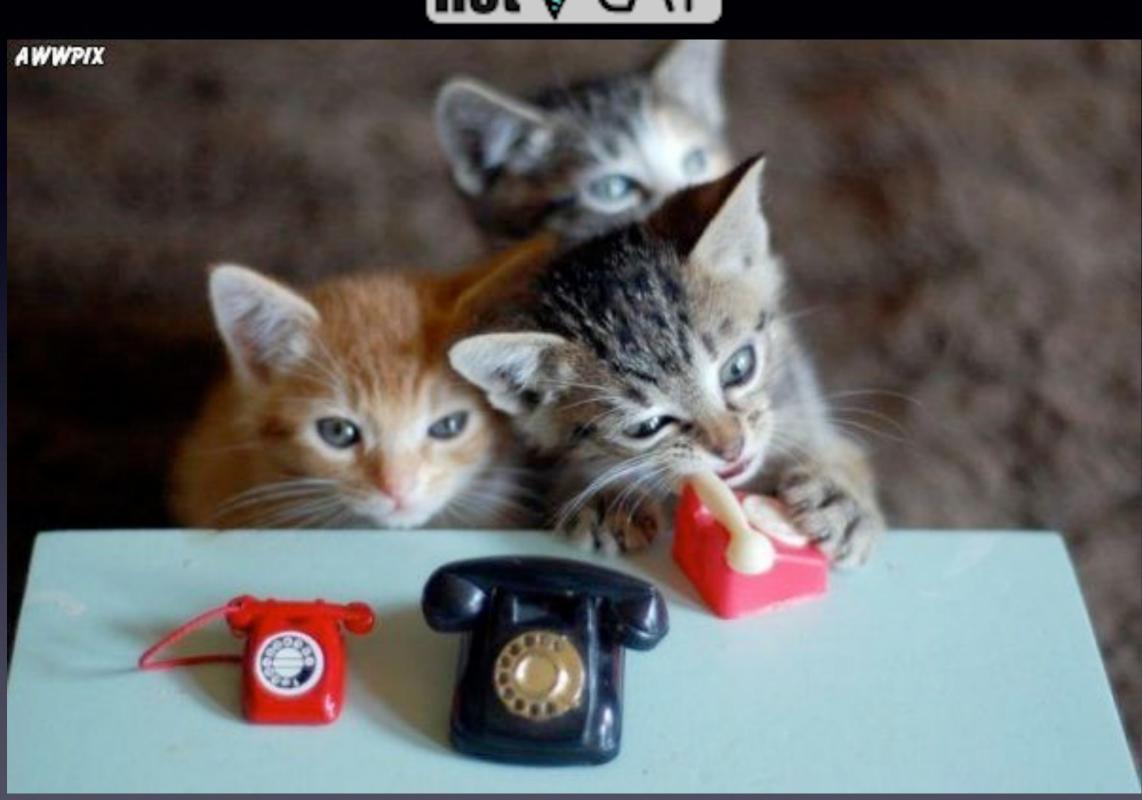


Inspect, Inspect and Transform, Hints, FindBugs, PMD

Plugins







Happy developing with NetBeans....



Any questions...