

# Eclipse 4 for Eclipse developers



Lars Vogel <http://www.vogella.com>

# Lars Vogel

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Eclipse und Android consultant, trainer and book author

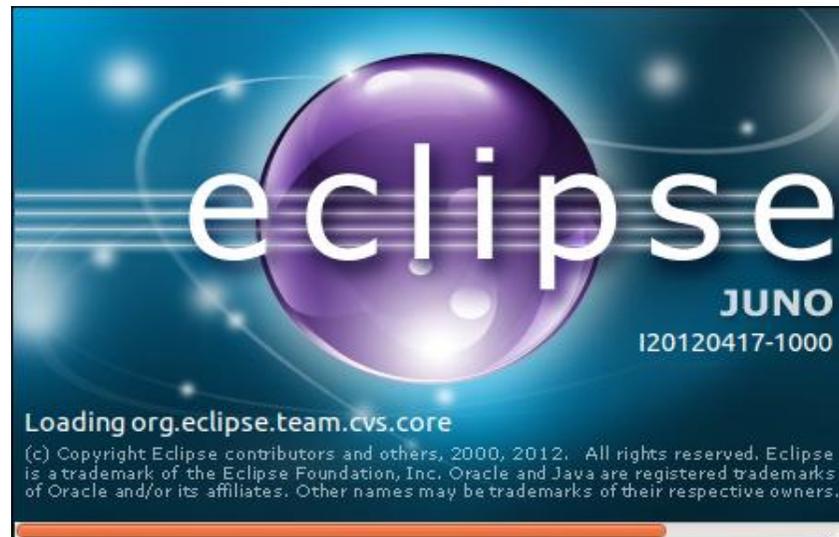
Write about programming on <http://www.vogella.com> with more then one Million visitors per month

Regular speaker at international conferences

Eclipse Commmitter



# Eclipse Juno is based on Eclipse 4.2



How awesome  
is that?



**Improvements for the Eclipse  
User...**

New  
standard  
theme



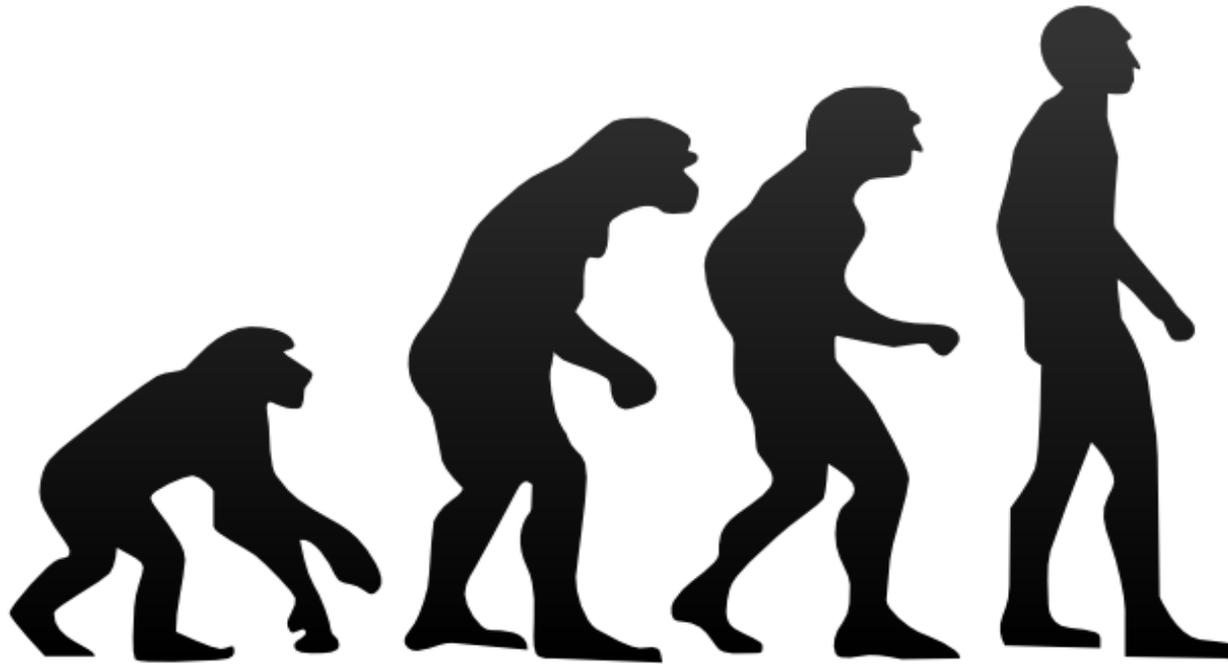
Can be changed back to classic  
in case you don't like it.

# You can mix Editors and Views



And lots of changes in other  
Eclipse projects... but that's it  
more or less.

# The Eclipse Platform 4



# Eclipse 4?

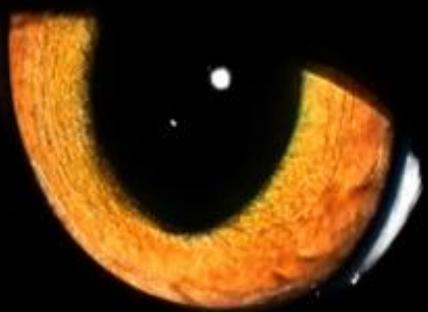
- Significant redesign of the Eclipse Platform
- New programming concepts



# Application Model



Available at development and  
runtime



# Dependency Injection





@Inject?

18 AL 322

343 AL 37

613

8.82.071

830.840-3

A waiter in a formal tuxedo, consisting of a white dress shirt with a black bow tie and a black vest, is holding a large, round, silver tray. The waiter is standing against a plain, light-colored wall. The word "Services" is overlaid in white text on the right side of the image, positioned over the tray.

Services

Your stuff



# Event Admin Service

```
@Inject  
private IEventBroker eventBroker;
```

# Styling via CSS



# Eclipse Renderer



# Eclipse 3.x in Comp-Layer

# Comp-Layer

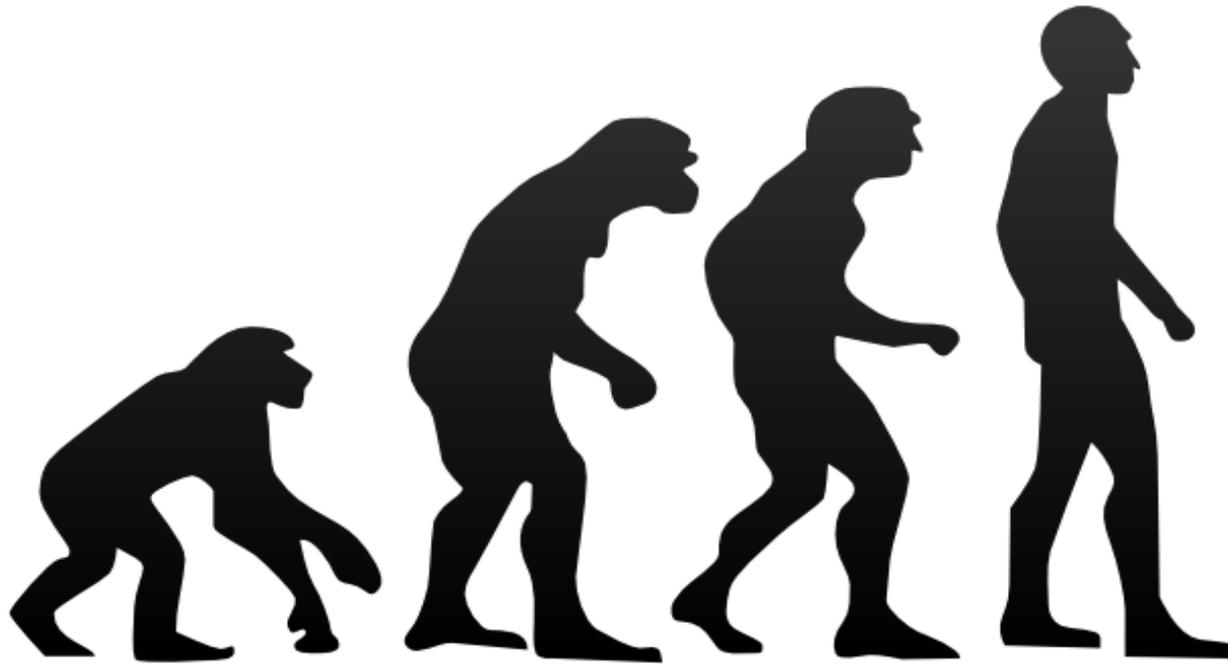
- Erlaubt Eclipse 3.x plug-ins auf Eclipse 4 laufen zu lassen.
- Unterstützt NICHT Dependency injection

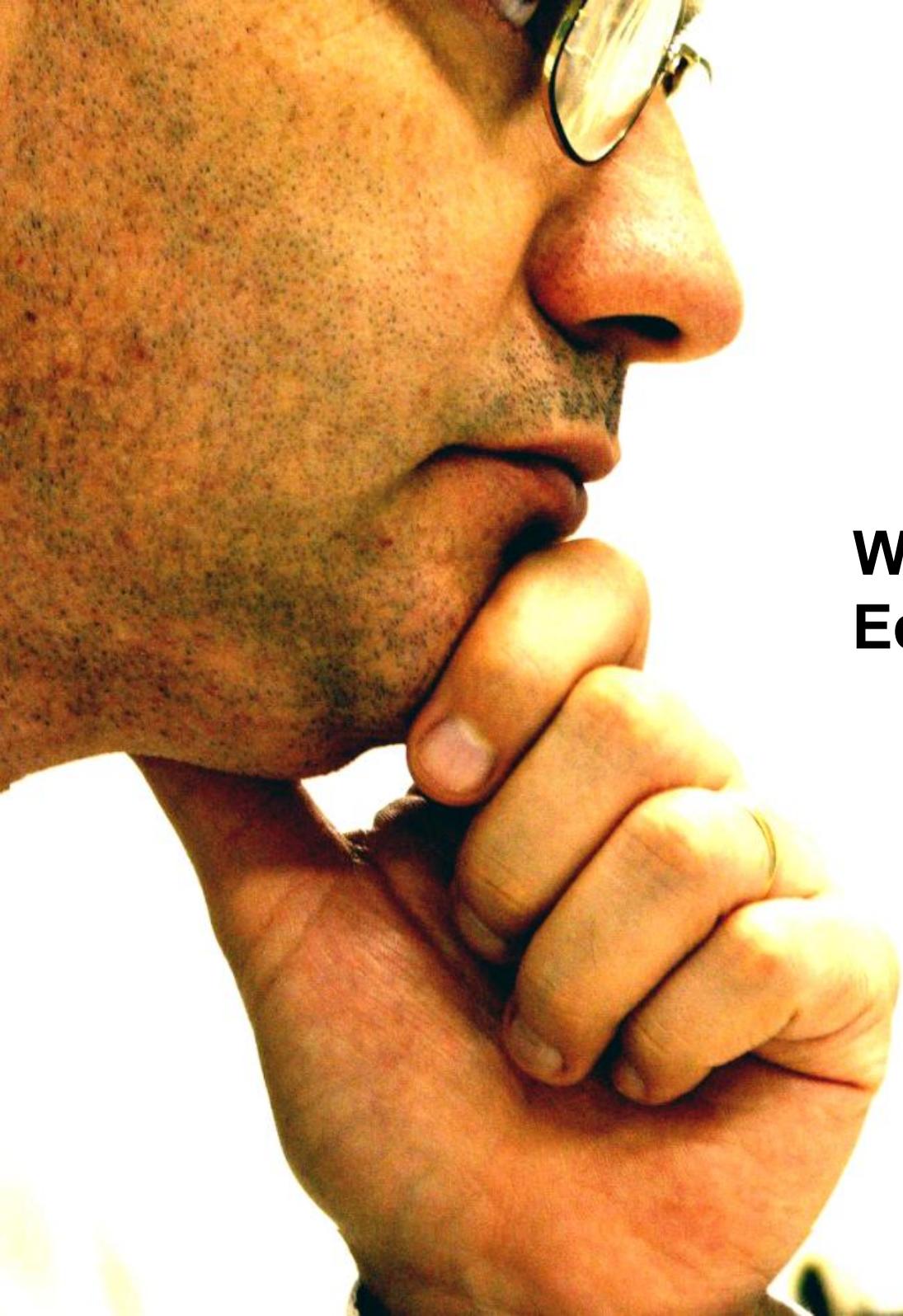


WindowCloseHandler

# Summary

Light-weight platform where everything can be replaced





**What is wrong with  
Eclipse 4.x?**

# Eclipse 4.x Status



- No API Freeze
- Smaller platform → not everything covered
- Tooling is not as mature as the PDE
- Programming model not yet applicable for Eclipse IDE plug-ins
- ~~Almost no dokumentation~~

**Infos:**

**Eclipse 4 Book to be  
released next week**

**<http://www.vogella.com>**

# Eclipse 4 Application Development

The complete guide to  
Eclipse 4 RCP development



**Lars Vogel**

Foreword by Mike Milinkovich, Executive Director Eclipse Foundation



# Thank you

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