

Eclipse 4 for Eclipse developers



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Lars Vogel

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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?

A close-up photograph of a person's hands holding a small, square red gift box. The person is wearing a dark navy blue suit jacket over a light brown or tan shirt. The gift box is wrapped in red velvet-like material and is tied with a gold and white striped ribbon in a bow. The person's hands are dark-skinned, and a gold ring is visible on the ring finger of the left hand. The background is plain white.

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

New
standard
theme



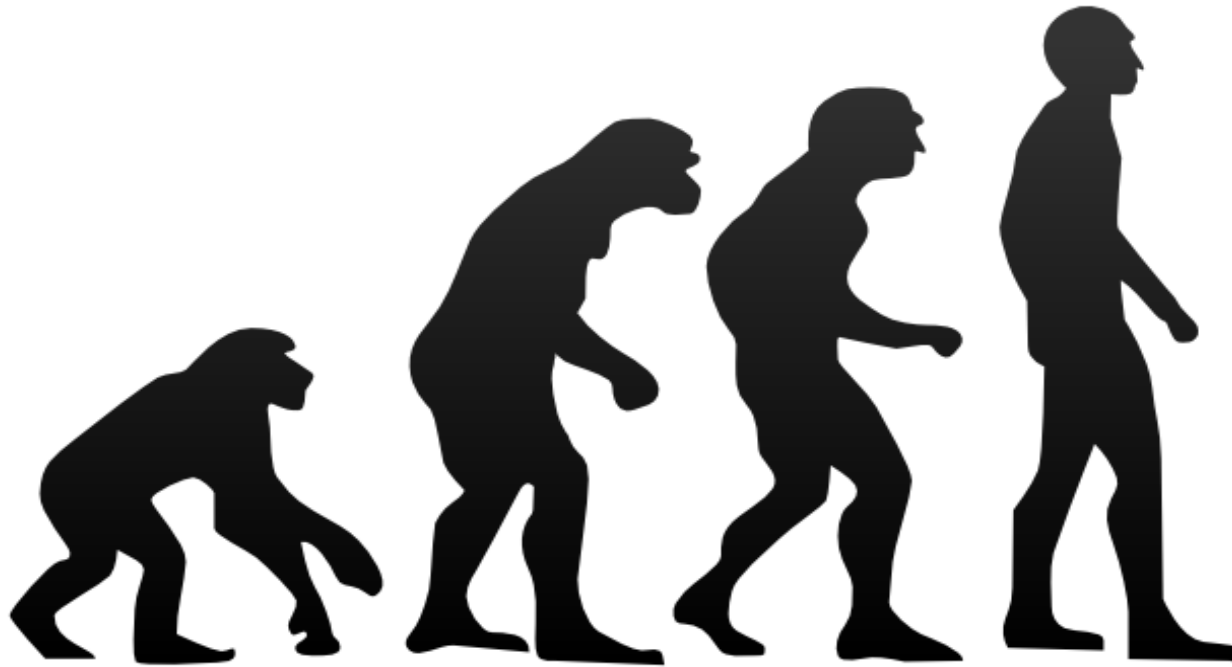
Can be changed back to classic
in case you don't like it.

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?

A waiter in a formal tuxedo, consisting of a white dress shirt, a black bow tie, and a black vest, is holding a large, round, silver tray. The waiter's hands are visible, with the left hand supporting the tray from underneath and the right hand resting on the edge. The background is a plain, light-colored wall. The word "Services" is overlaid in white text on the right side of the image.

Services

Your stuff



Event Admin Service

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


Styling via CSS



Eclipse Renderer



Eclipse 3.x in Comp-Layer

Comp-Layer

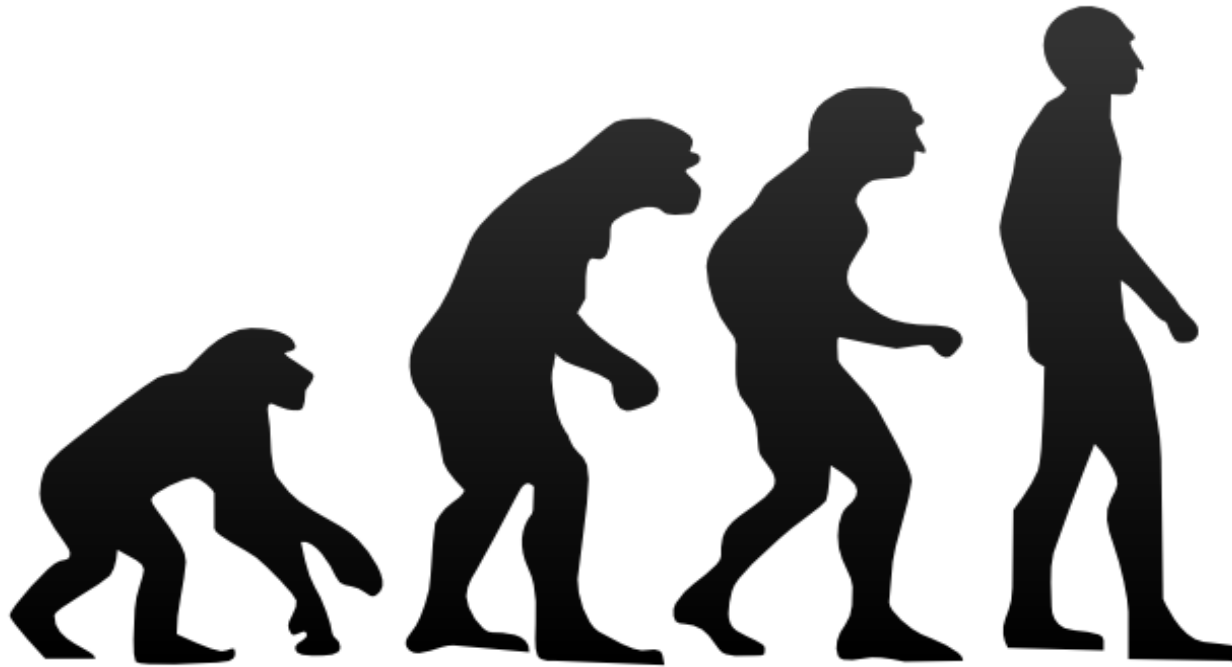
- Erlaubt Eclipse 3.x plug-ins auf Eclipse 4 laufen zu lassen.
- Unterstützt NICHT Dependency injection

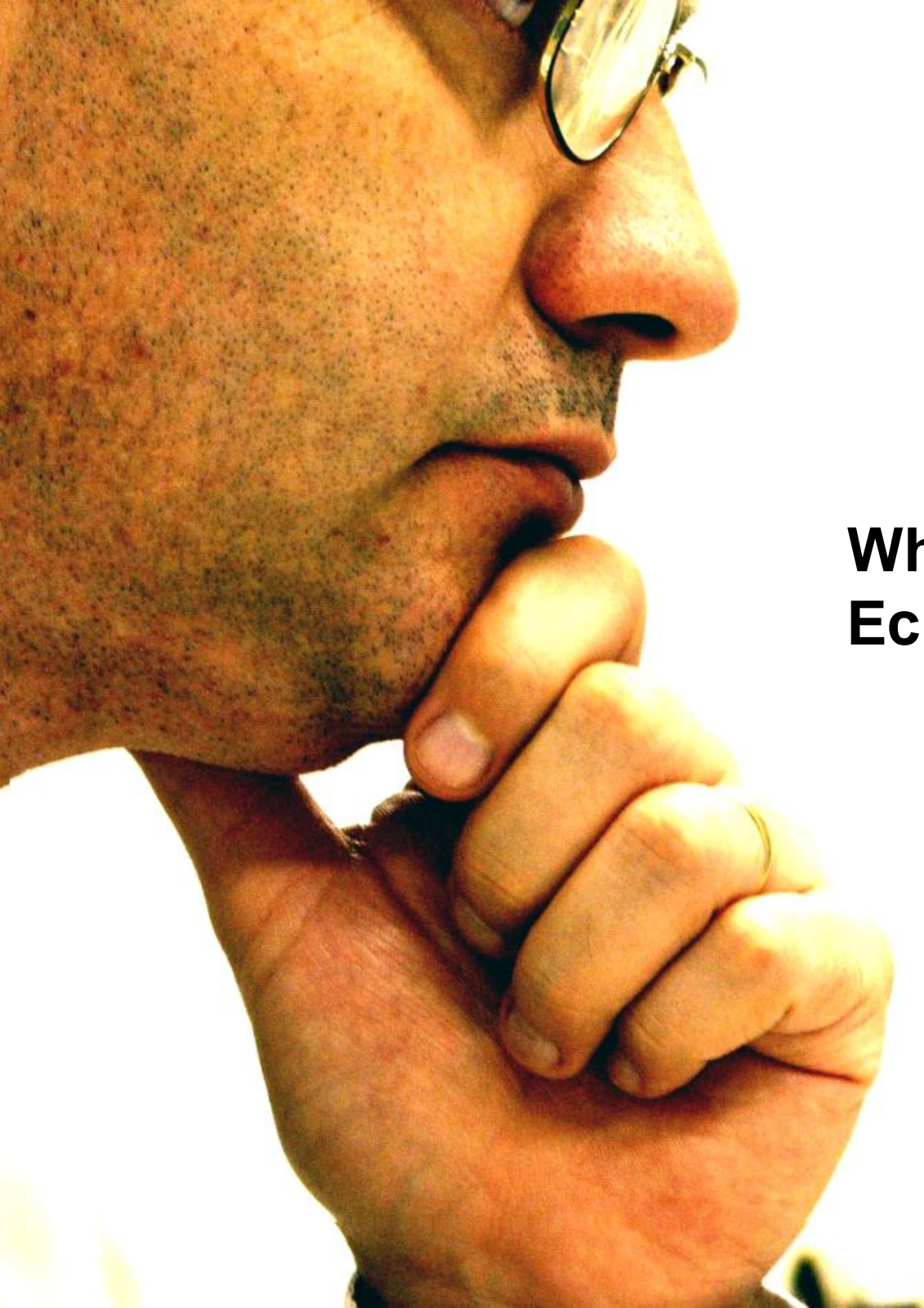


WindowCloseHandler

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 documentation~~

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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