

Eclipse RAP Web-apps - What's new in Helios?

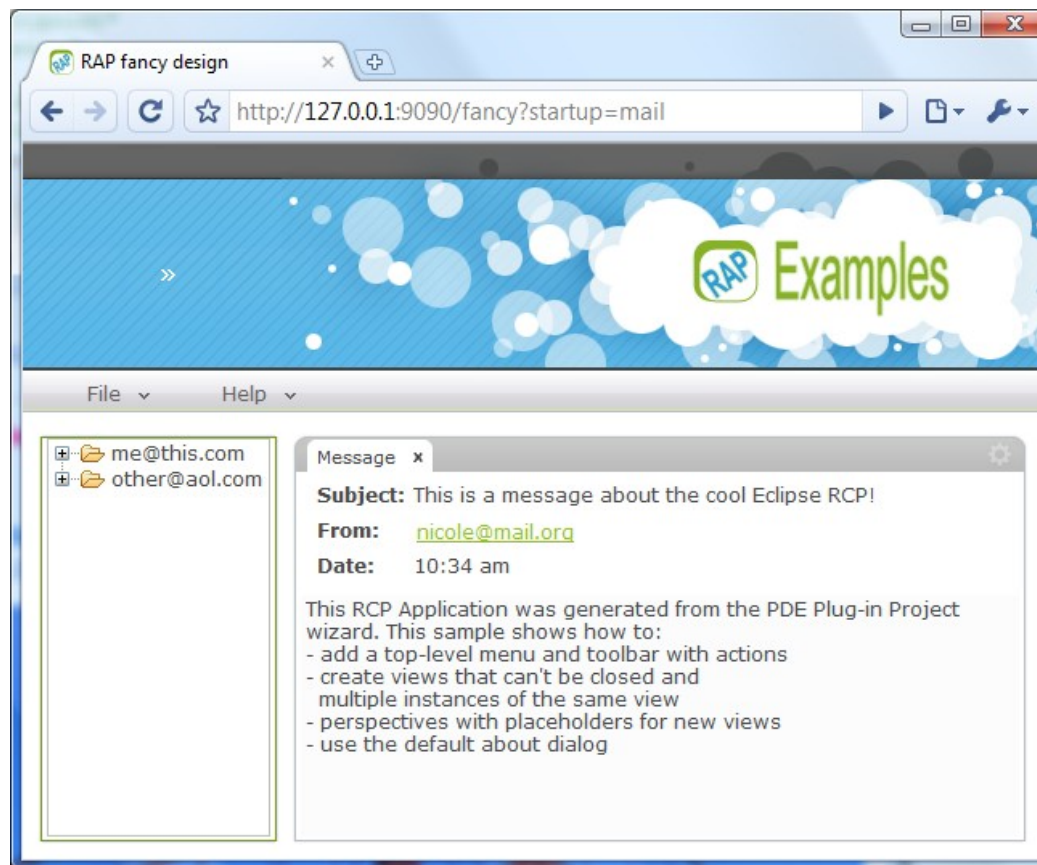
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What is Eclipse RAP ?



“Eclipse for the Web”

Why RAP ?

- Reuse your know-how (RCP)
- Familiar tooling (Eclipse)
- Single-Source for Web & Client



Picture: © 2002 RILHADKOA/[photocase](#)

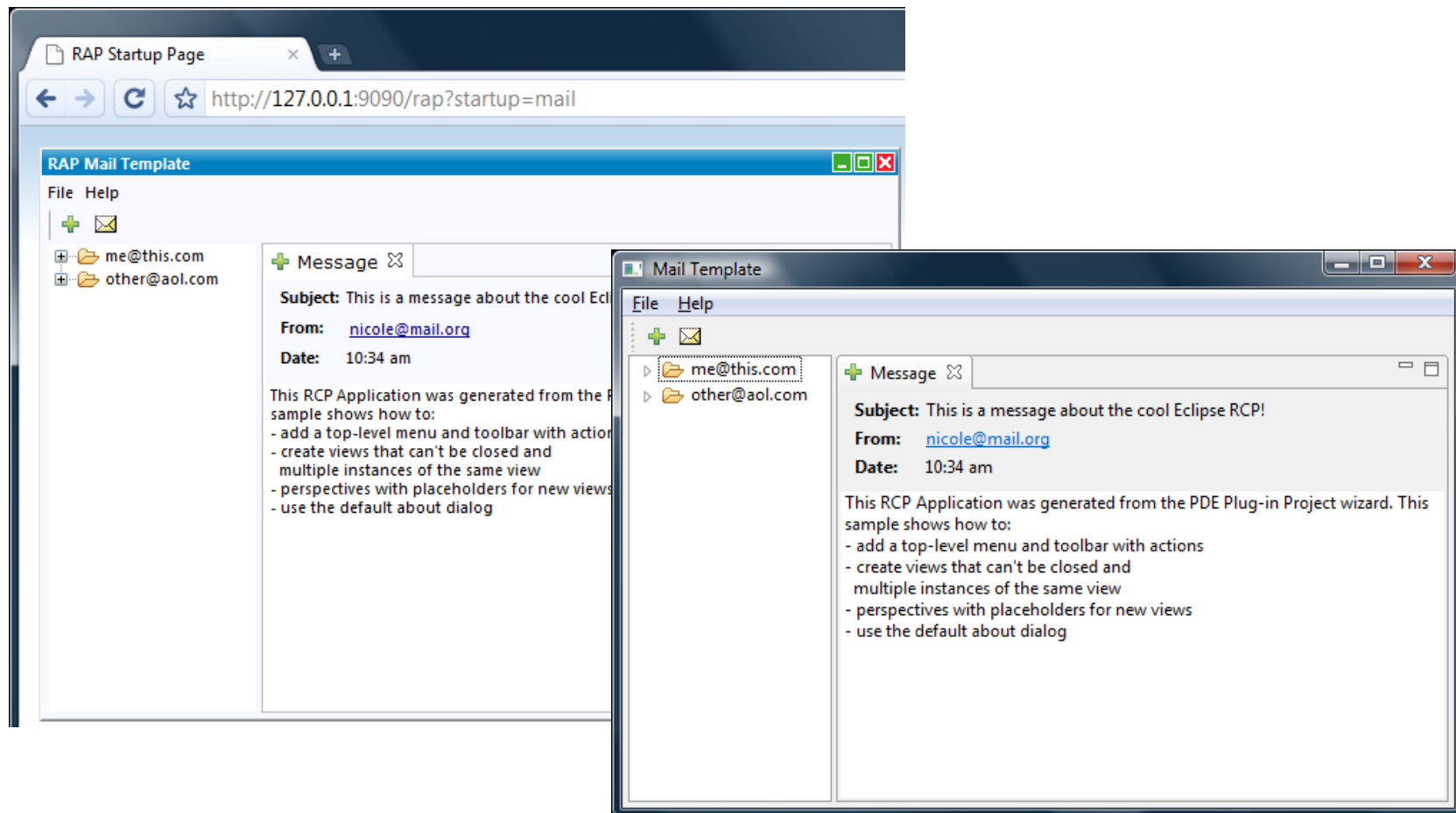
RAP - Know How Reuse

```
<extension
    point="org.eclipse.ui.views">
    <view
        name="Mailboxes"
        icon="icons/sample3.gif"
        class="mail.example.NavigationView"
        id="mail.example.navigationView">
    </view>
```



```
public void createPartControl(Composite parent) {
    viewer = new TreeViewer(parent, SWT.MULTI | SWT.H_SCROLL | SWT.V_SCROLL | SWT.BORDER);
    viewer.setContentProvider(new ViewContentProvider());
    viewer.setLabelProvider(new ViewLabelProvider());
    viewer.setInput(createDummyModel());
}
```

RAP – Single Sourcing



Example – Information Dashboard

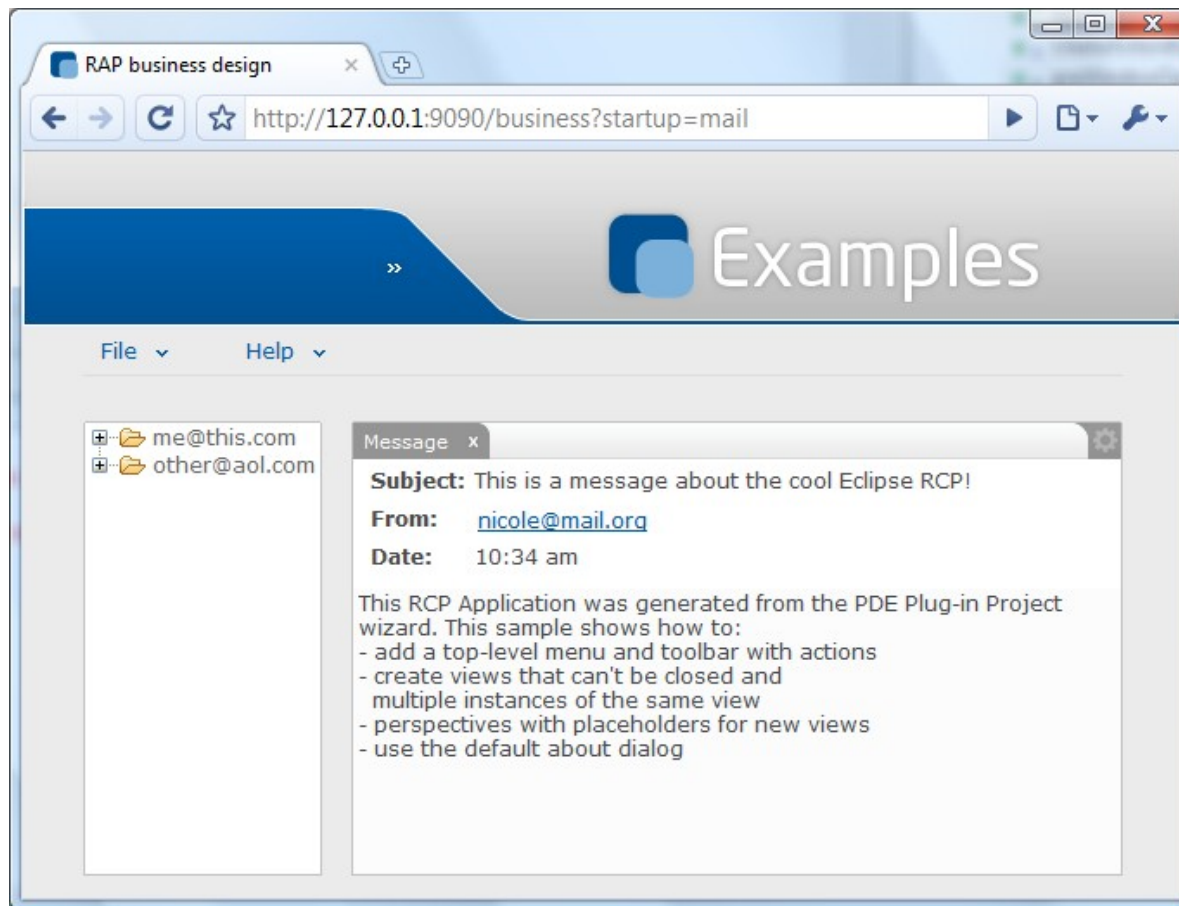


https://www.eclipsecon.org/submissions/2010/view_talk.php?id=1134

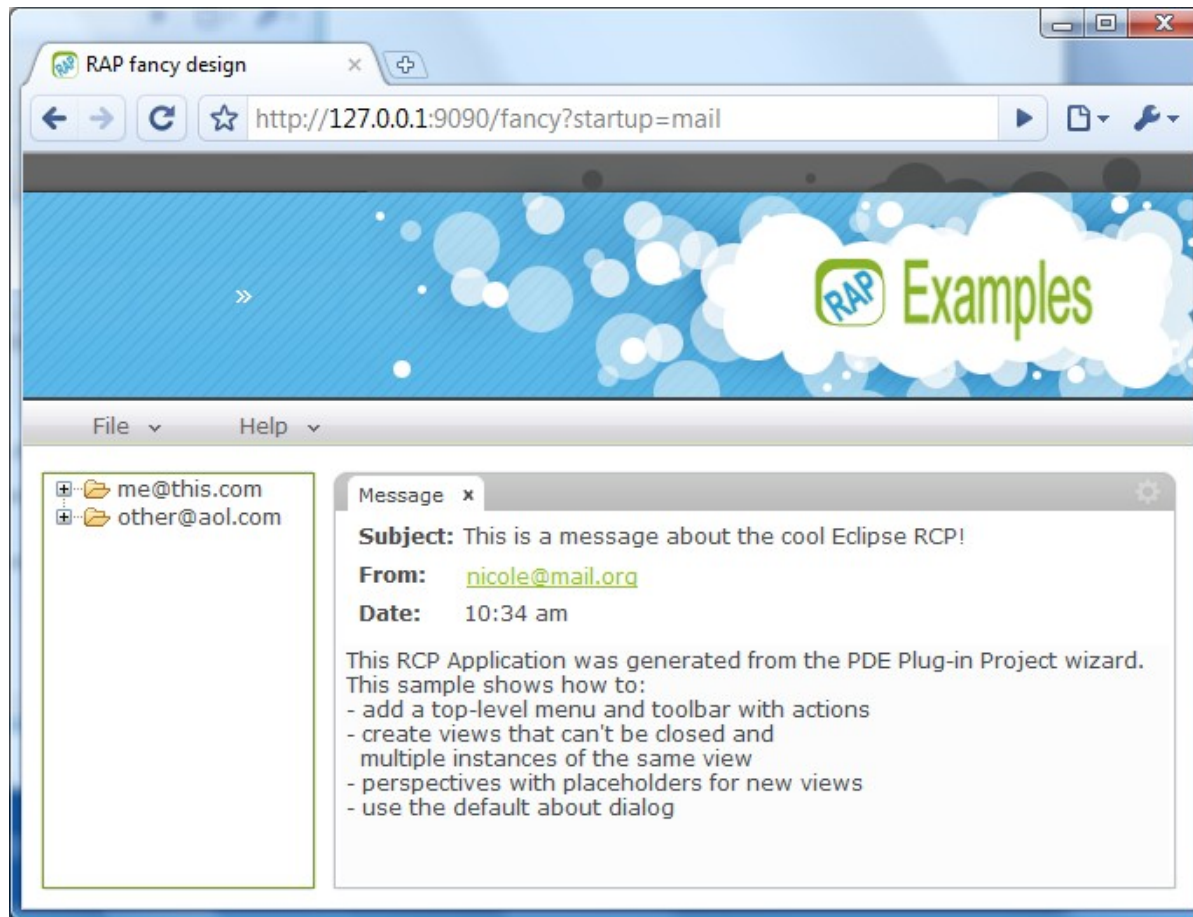
New & Noteworthy in 1.3 (DEMO)

- Great styling – new themes
- Drag & Drop
- Drawing (GC)
- User Assistance
- Easier single-sourcing
- EMF & Riena support RAP

New in 1.3 – Styling and Themes

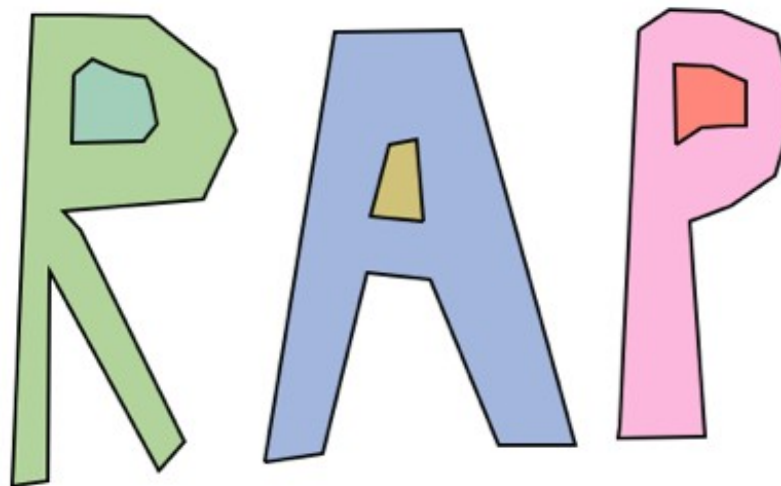


New in 1.3 – Styling and Themes



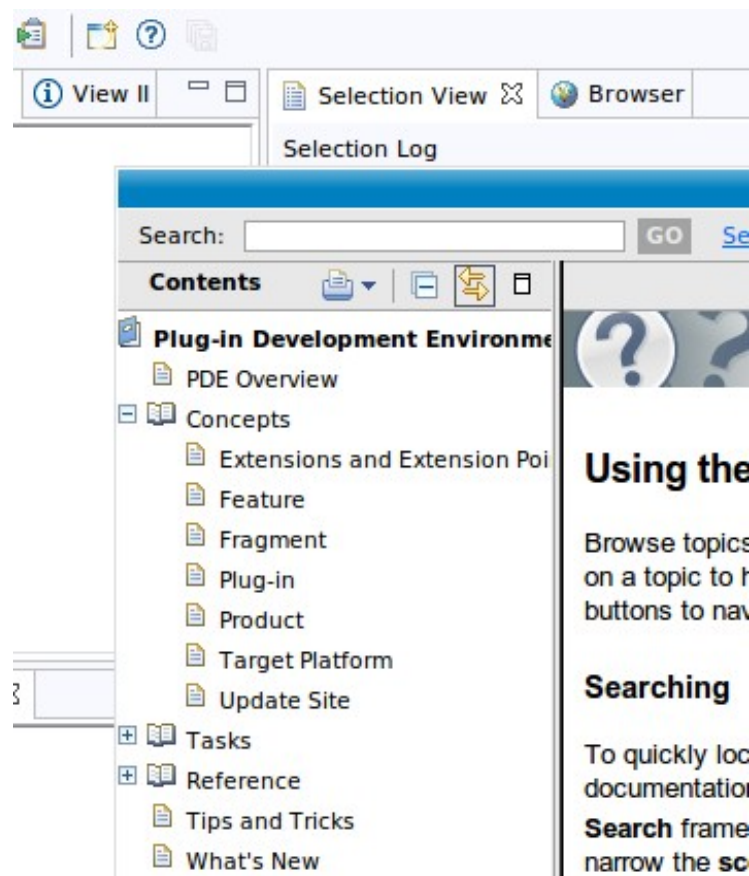
New in 1.3 – Drawing (GC)

```
final Canvas canvas = new Canvas( parent, SWT.NONE );
canvas.addPaintListener( new PaintListener() {
    public void paintControl( PaintEvent event ) {
        Rectangle rect = canvas.getClientArea();
        event.gc.drawOval( 0, 0, rect.width - 1, rect.height - 1 );
    }
} );
```



New in 1.3 – User Assistance

Eclipse Help System on RAP



New in 1.3 – User Assistance

Cheat Sheets on RAP



New in 1.3 – Easier Single sourcing

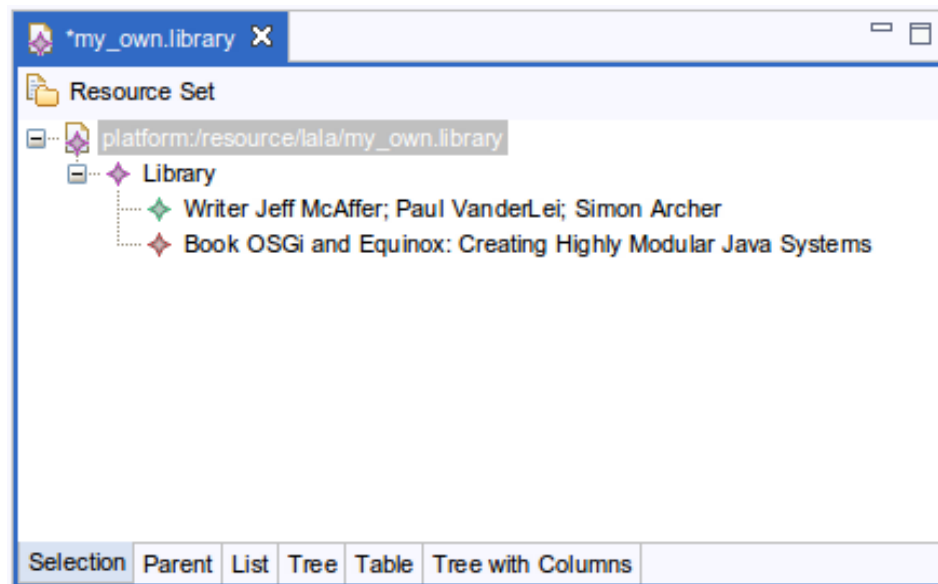
- more SWT APIs
 - ♦ Image, Font, Cursor constructors
 - ♦ GC, FontMetrics
 - ♦ ...lots more...
- JFace 3.6
- Forms 3.6
- IApplication support
 - ♦ IEntryPoint not needed anymore

New in 1.3 – EMF supports RAP

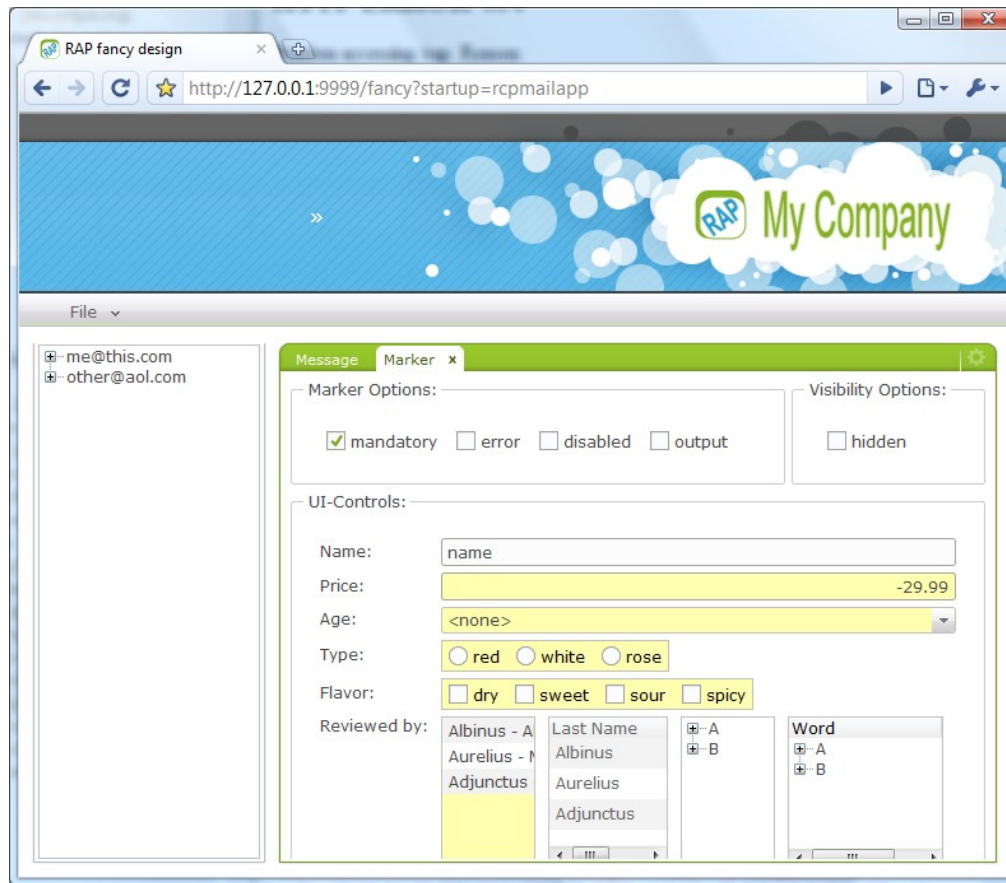
- EMF ships a RAP specific version

- Instructions:

http://wiki.eclipse.org/EMF_Editor_goes_RAP



New in 1.3 – Riena supports RAP (Ridgets)



Get started with RAP

1. **View** what's new

www.youtube.com/watch?v=lc9cBvOiXx0

2. **Play** with a demo

rap.eclipsesource.com

1. **Download**

eclipse.org/rap/gettingstarted.php

2. **Learn**

vogella.de/articles/EclipseRAP/article.html



Eclipse Helios Demo Camp

Thanks for attending!

Visit us at eclipsesource.com