

iPad development with Eclipse RAP

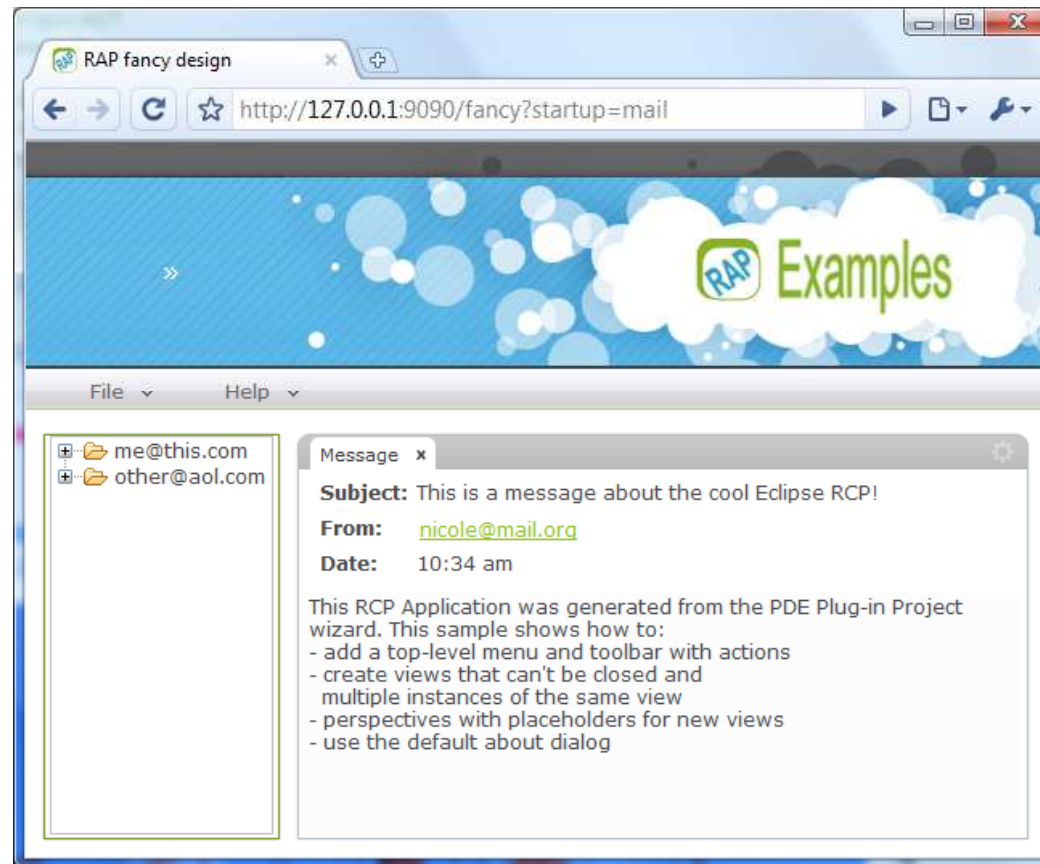
Elias Volanakis

Eclipse Committer

elias@eclipsesource.com

twitter: @evolanakis

What is Eclipse RAP ?



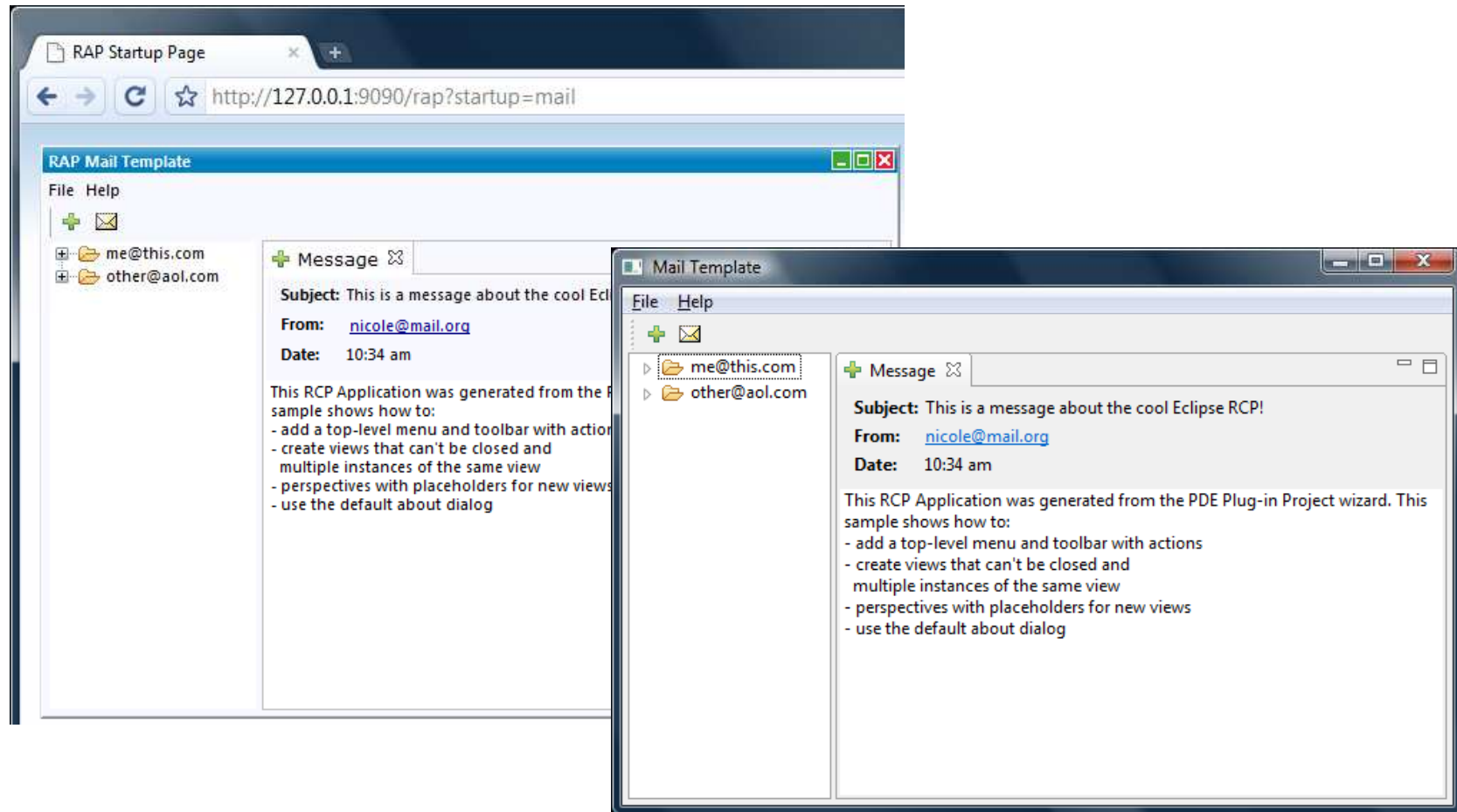
Why RAP ?

- Reuse your know-how (Java)
- Triple Platform (Web, iPad, Client)
- Familiar tooling (Eclipse)



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

RAP – Single Sourcing



Example – Information Dashboard

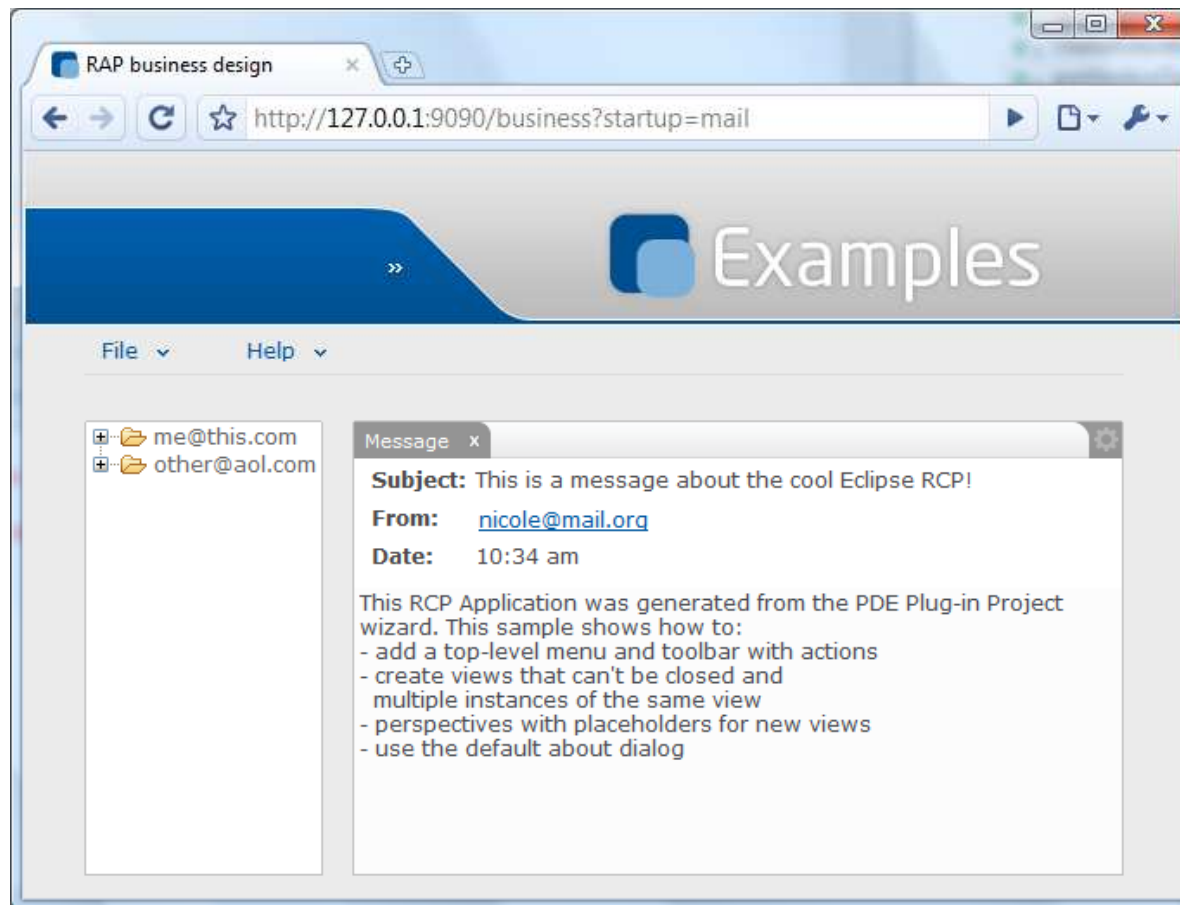


The dashboard displays the following components:

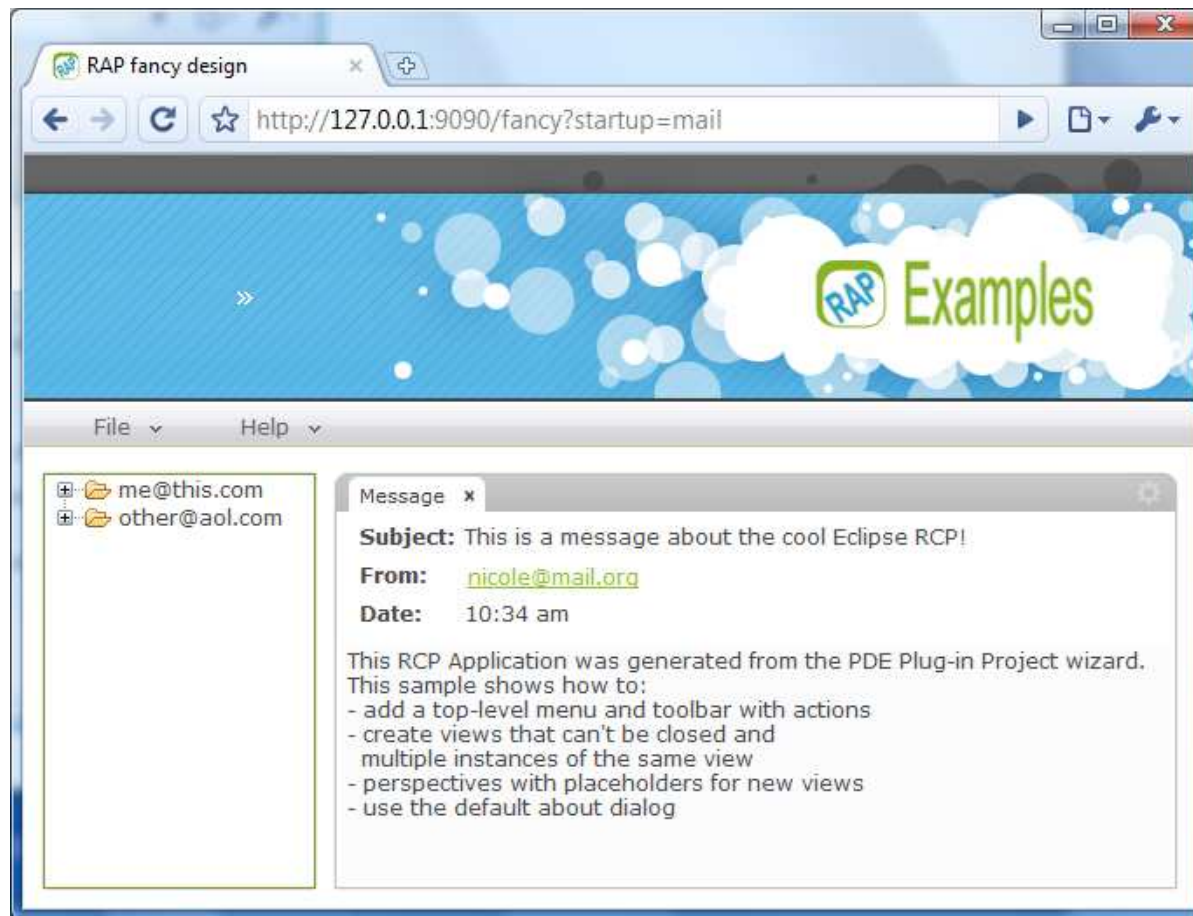
- Header:** Navigation tabs for 'Impacted States', 'Global Impact', 'Onset Histogram', 'Infected Populations', and 'Spread Model'. The date and time are shown as 10/14/2009 18:44.
- Left Panel:**
 - Key Biological Events:** FDA - Melamine, CDC - SARS, USDA - Foot-and-Mouth, Global Health.
 - Statistics:** A search filter for 'Global Infection' with fields for Name and Value, and buttons for Submit and Delete.
 - Current Weather:** Austin, TX (78746) with a temperature of 57° and a pollen alert.
- Center Panel:** A world map showing various disease cases marked with icons. A search bar is located below the map.
- Right Panel:**
 - Agencies:** Links to FDA Website, USDA Website, WHO, and Health Map.
- Bottom Panel:** A timeline view showing cases for SARS, Ebola, FMD, and Melamine from March 5 to March 14, 2009.

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

New in 1.3 – Styling and Themes

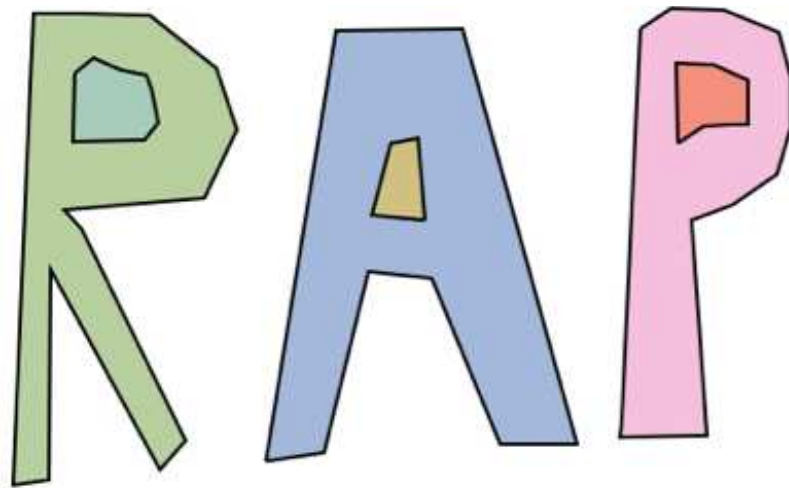


New in 1.3 – Styling and Themes



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 );
    }
} );
```



RAP 1.4 – June 2011

- fix bugs on iPhone / iPad
- RAP on Android
- reduce client footprint
- work towards exchangeable js client

[and more...](http://www.eclipse.org/projects/project-plan.php?projectid=rt.rap) <http://www.eclipse.org/projects/project-plan.php?projectid=rt.rap>

Demo – RAP on the iPad

Get started with RAP

1. **View** what's new

www.youtube.com/watch?v=lc9cBvOiXx0

2. **Play** with a demo

rap.eclipsesource.com

3. **Download**

eclipse.org/rap/gettingstarted.php

4. **Learn**

eclipse.org/rap/documentation/

Thanks for attending!

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