



# **RAVE**



TM

<http://rave.apache.org>

**Jasha Joachimsthal**

Web developer at Hippo ([www.onehippo.com](http://www.onehippo.com))  
Apache Rave & Apache Cocoon committer  
[jasha@apache.org](mailto:jasha@apache.org)

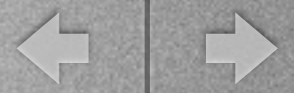


# Who knows...





# Apache Rave



The screenshot shows an iGoogle dashboard with the following components:

- Navigation:** iGoogle logo, search bar, and a menu with links for You, Search, Images, Videos, Maps, News, Shopping, Gmail, and More.
- Left Sidebar:** "Add gadgets" button, "Startpagina" dropdown, "Gadget shares", "Updates", "Friends", and "Enable chat" options.
- de Bibliotheek eBooks:** "eBooks eregalerij" section featuring a portrait of Nicolaas Beets and links to "Camera Obscura", "Winterbloemen", and "Majoor Frans".
- WorldCat Search:** "Search Libraries" section with a search input field and the WorldCat logo.
- Evernote:** "Recent notes:" section listing items like "09-01-12", "02-01-12", "Jetty 5 source code", "Cadeaus", "codes", "Gedicht Misha 2011", "Goto", and "CMIS".
- Business Times Online...:** News snippets such as "PetroChina, Chevron set to revive project", "S i2i eyes higher end of cheap handset market", and "Hiap Seng seals new partnership with Cosco (Shanghai)".
- Google Latitude:** A map showing a location in Utrecht with a profile card for "Jasha Joachimsthal" and a "view profile" link.
- nu.nl - Algemeen:** News snippets including "Man overlijdt door aanrijding met politieauto HARDENBERG" and "Olietanker zinkt na explosie bij Zuid-Korea".
- Google Calendar:** Partially visible at the bottom.





# Apache Rave



The screenshot shows a web browser window titled "Main - Rave" with the URL "localhost:8080/portal/app/page/view/17". The page displays a personalized dashboard for "Jasha Joachimsthal". At the top, a dark navigation bar contains the user's name, a welcome message, and links for "Jasha Joachimsthal's Profile", "Widget Store", "Admin interface", and "Logout". Below this, a "Main" tab is active. The dashboard is composed of several widgets:

- Translate Gadget:** A text input field with "Enter text to translate here", dropdown menus for "Spanish" and "English", a "Translate" button, and a "Translate Homepage" link.
- Evernote:** Features the Evernote logo, a search bar, and a "Recent notes" list:
  - Externe groep in SURFteam
  - Dubbele logging
  - Blog startup errors
  - NS Klantenservice
  - LDAP config
  - 23-01-12
  - 16-01-12
  - 09-01-12
  - 07-01-12
- Google News Gadget:** Shows "Top Stories" with headlines such as "Is Madeleine McCann Still Alive?", "In people, symptoms of mad cow disease include psychiatric and behavioral changes", and "Demonstrators protest Arizona immigration law outside Supreme Court".
- Youtube:** A placeholder for a YouTube video.
- Twitter:** A profile view for "jashaj" with a follower count of 140. It shows recent tweets, including one from "Dolfjansen" about compliments and another about a Beejerkurf event.
- NYTimes.com - Top Stories:** Displays a headline "Considering Arizona Immigration Law, Justices Are Again in Political Storm" and a summary of the Supreme Court's stance on immigration law.





# What do they have in common?

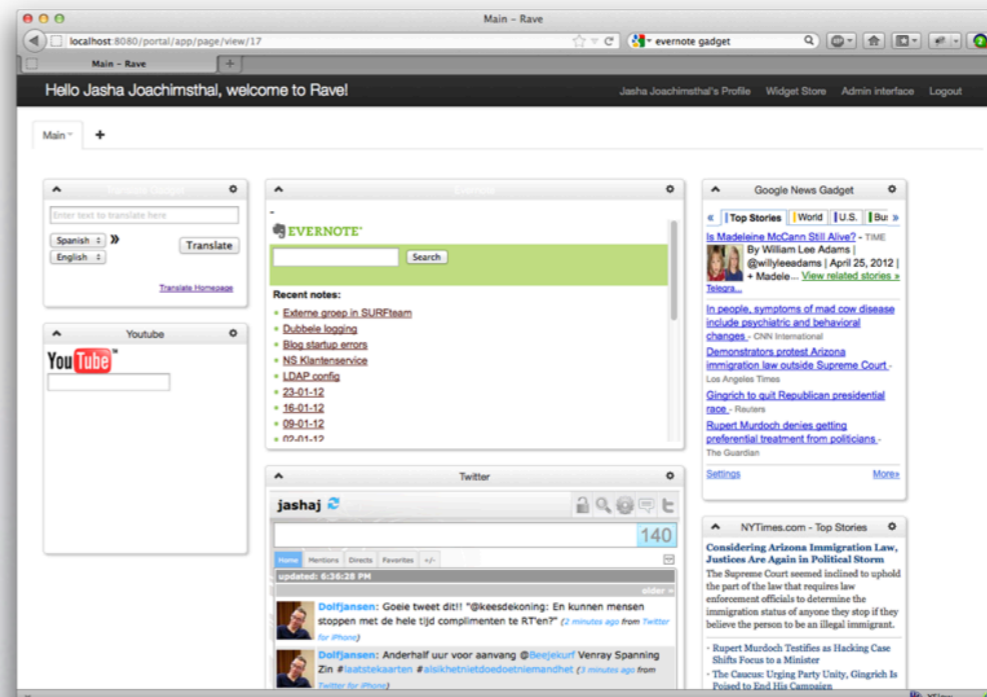
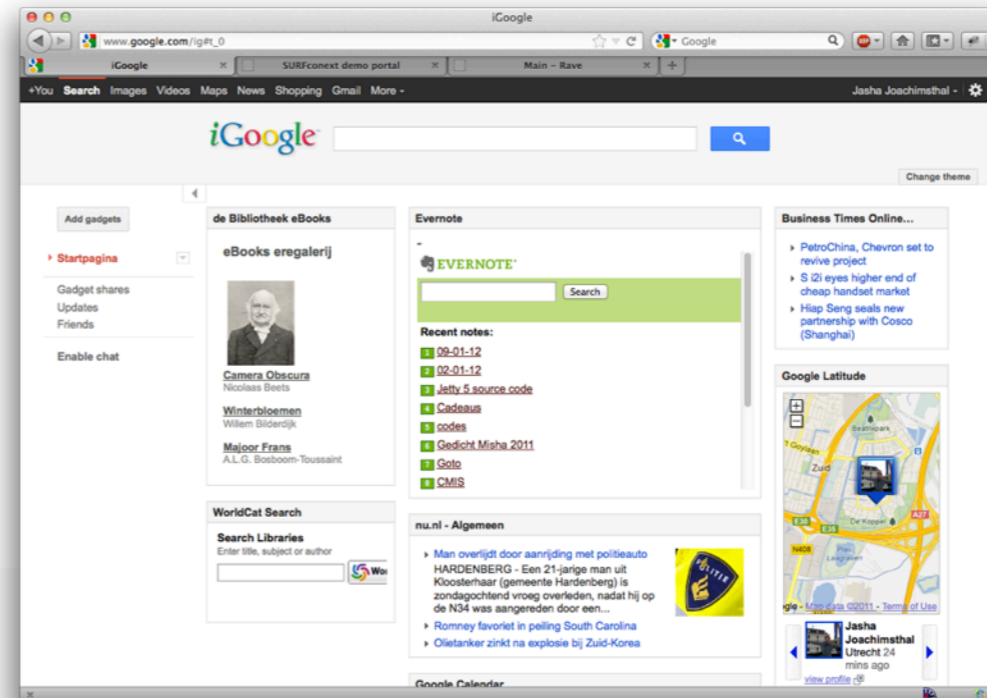




# Apache Rave

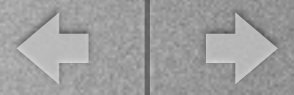


- Personalized

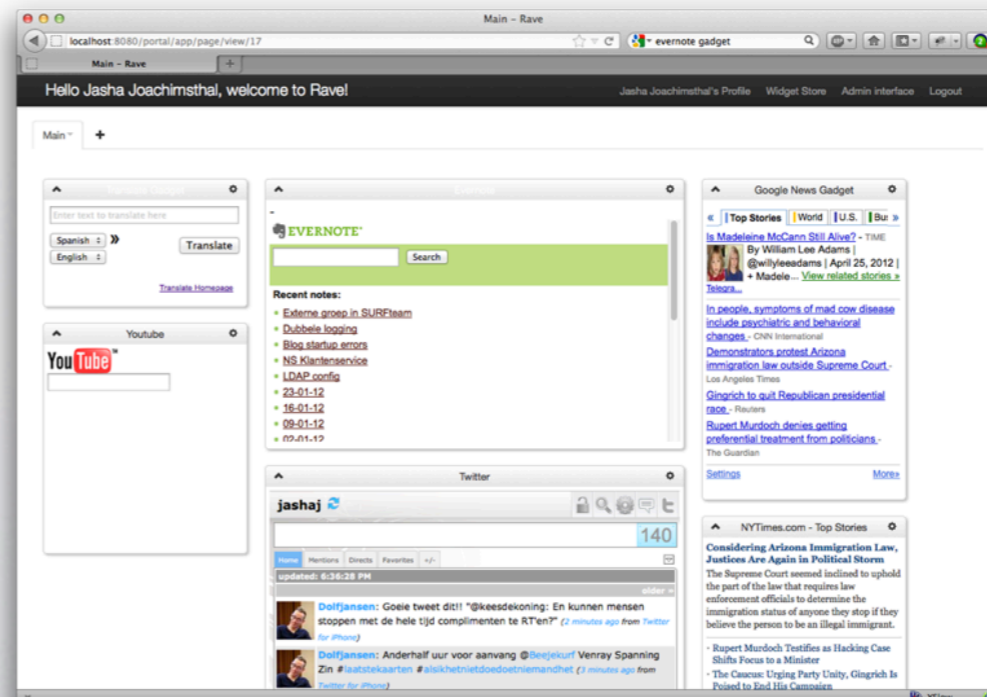
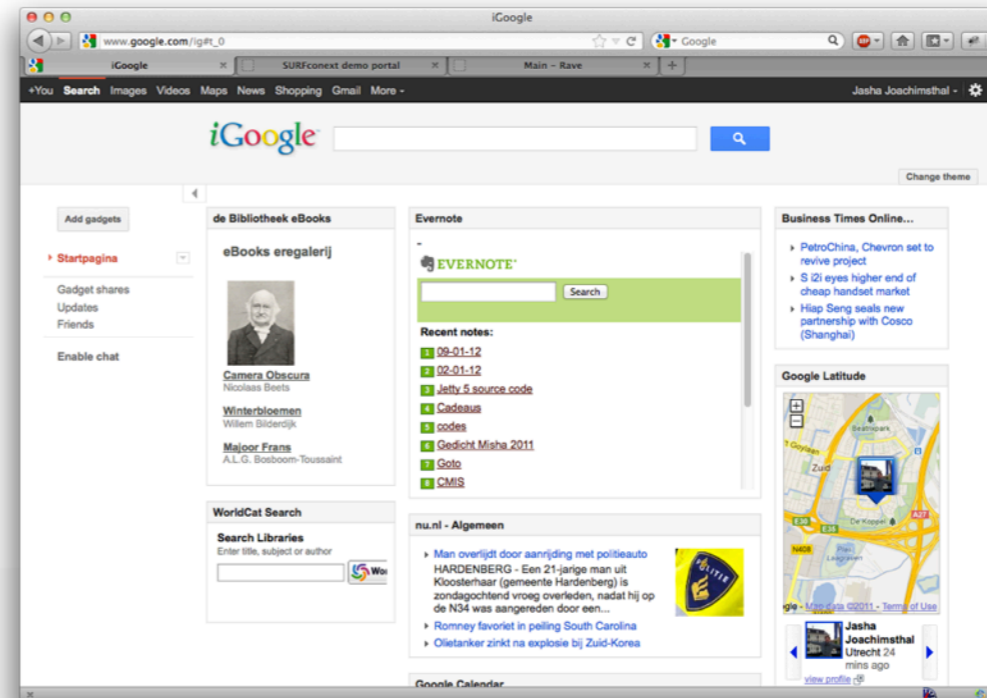




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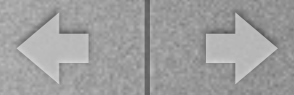


- Personalized
- Gadgets

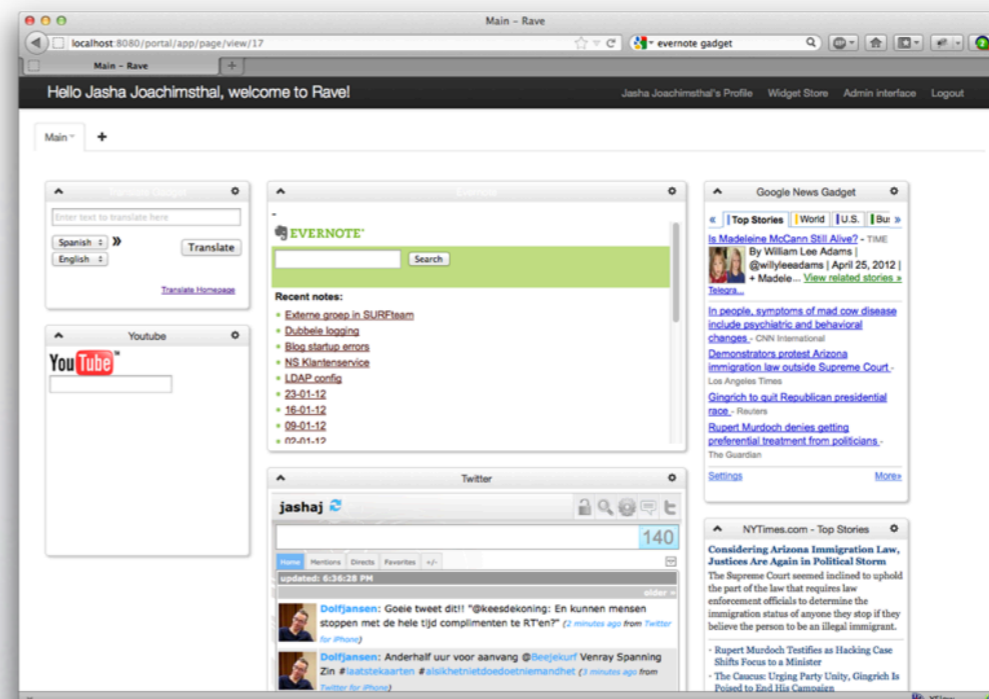
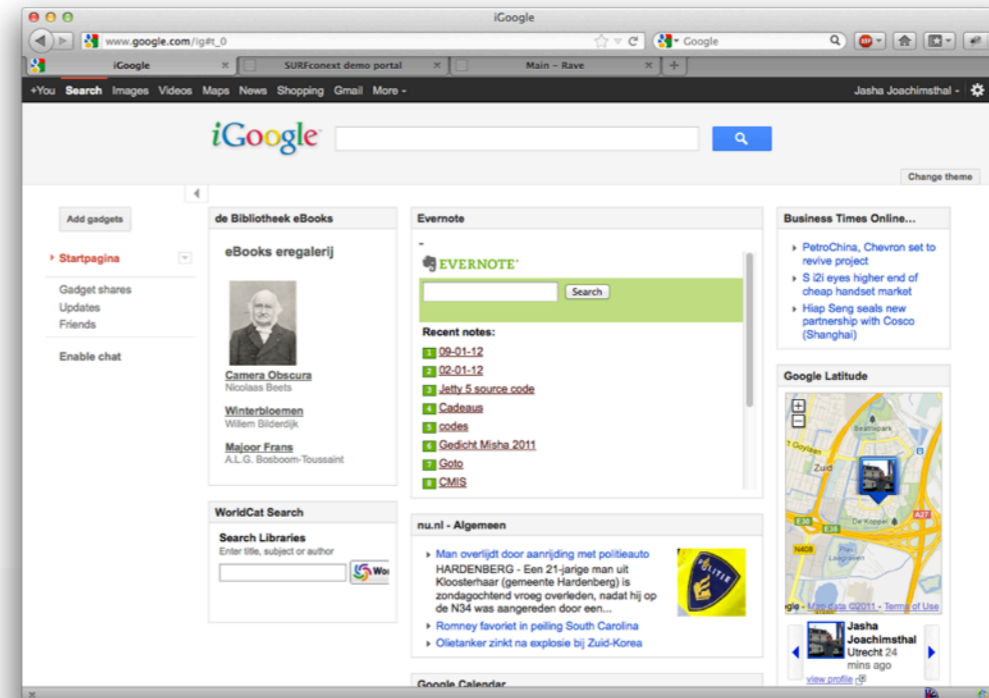




# Apache Rave



- Personalized
- Gadgets
- NOT a portal





# What is Apache Rave?





# Web & Social Mashup Engine

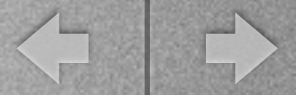




# Lightweight Java platform for widgets

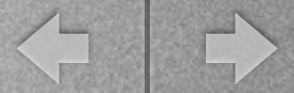
- OpenSocial gadgets
- W3C Widgets
- ?? your own widget



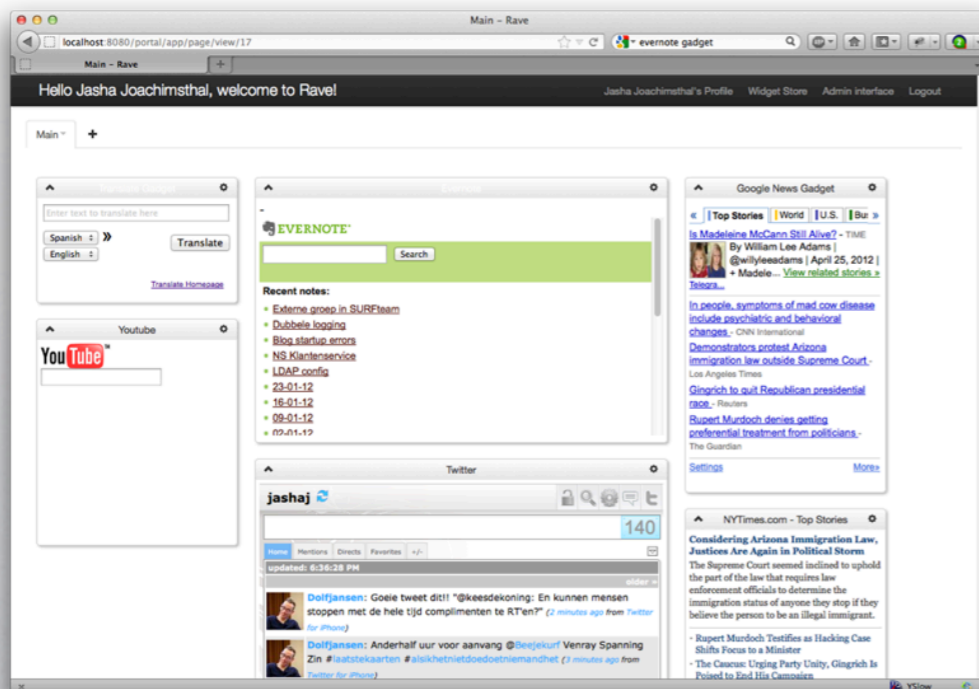


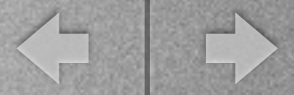
# Personalized content



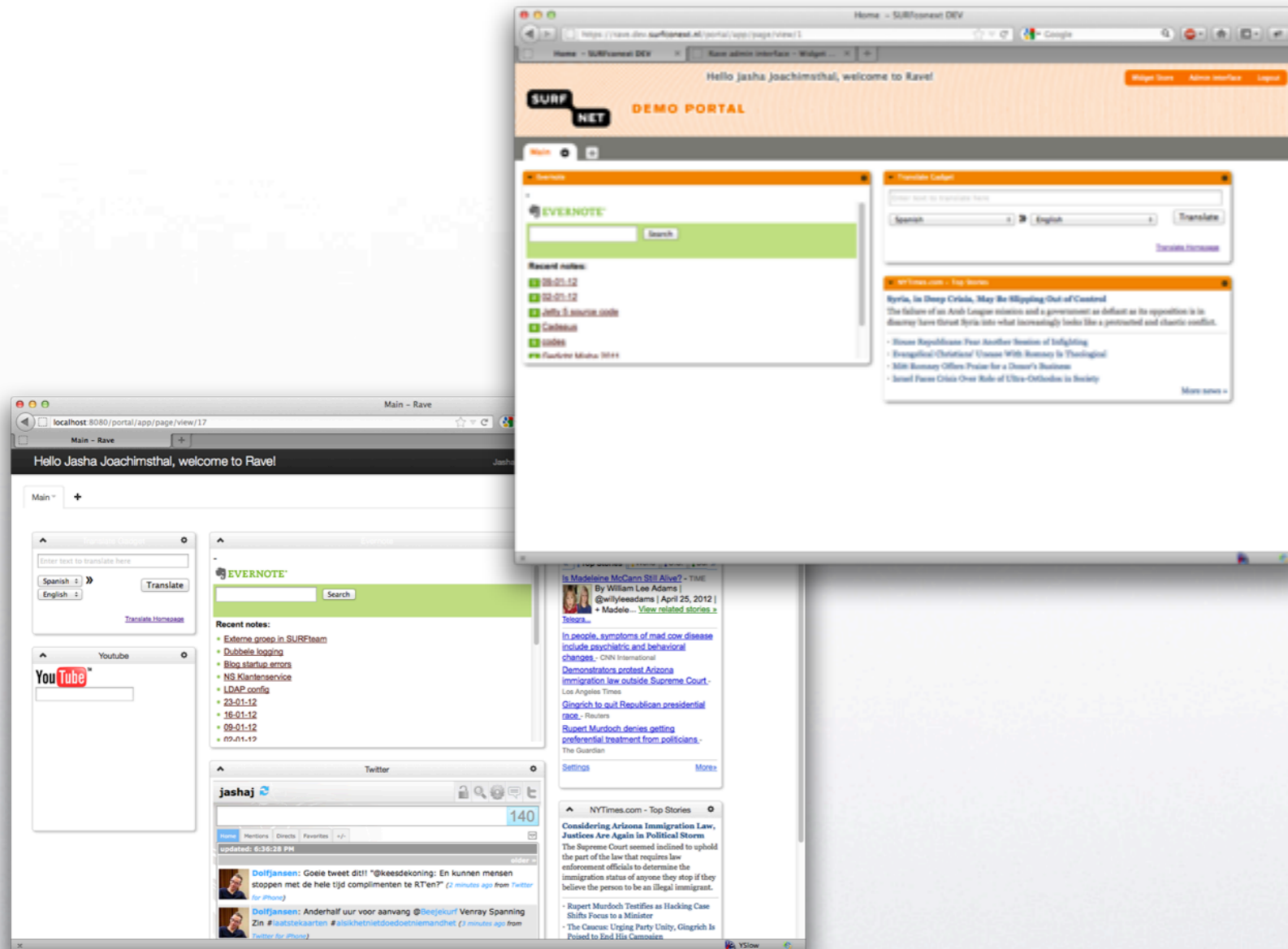


# Customizable



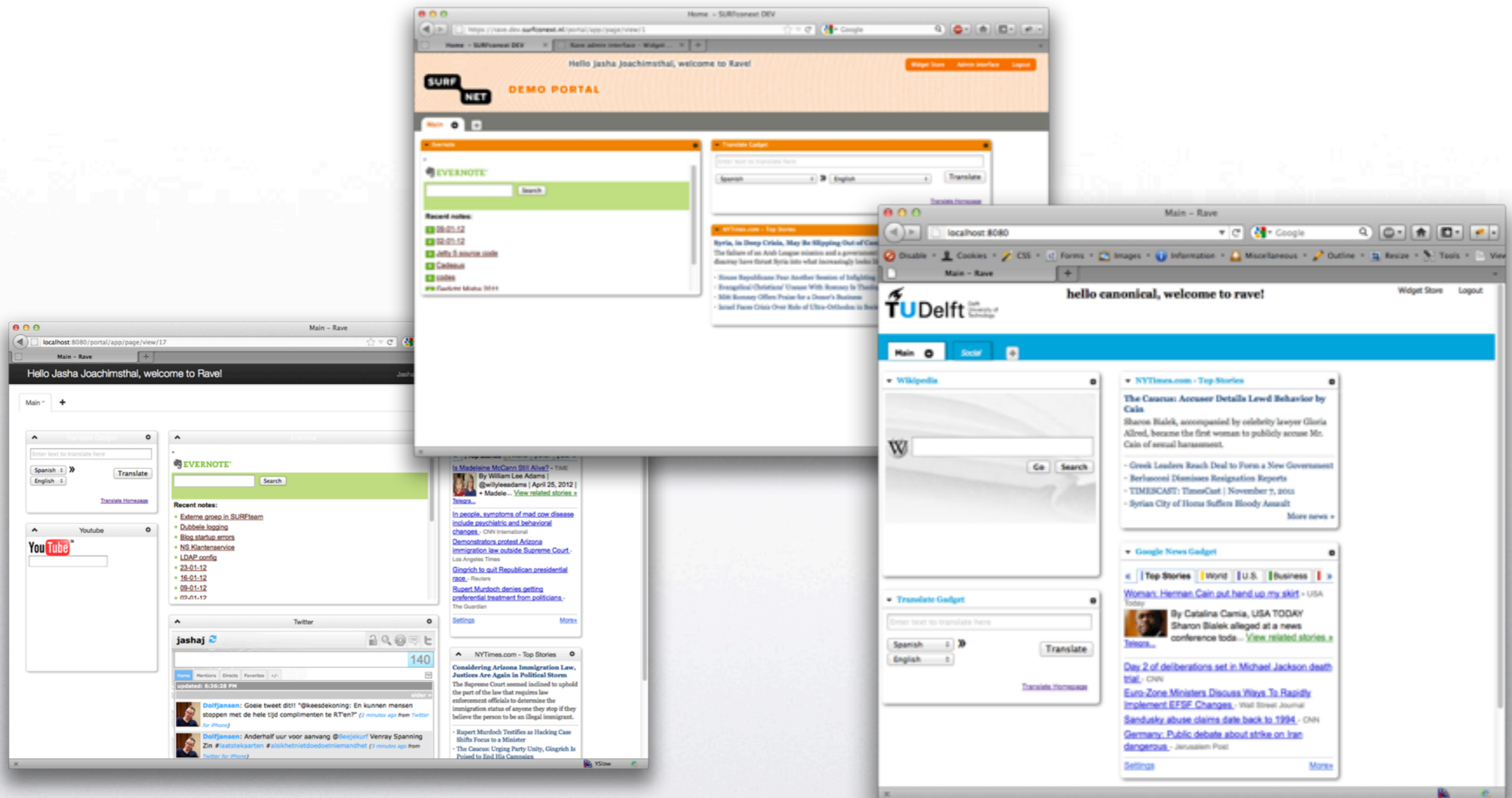


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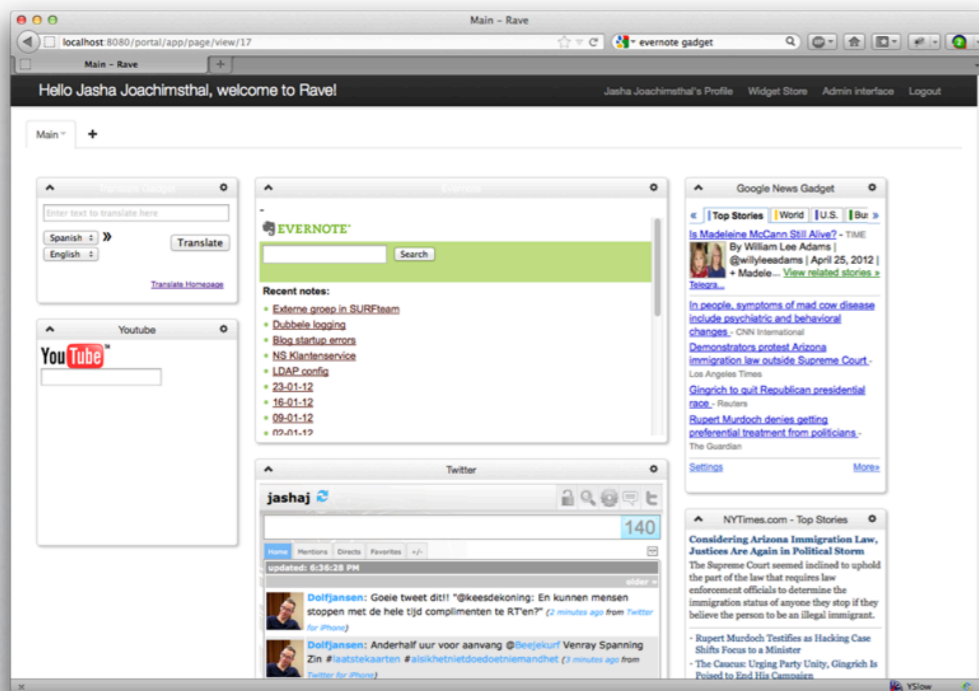


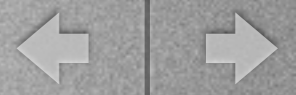
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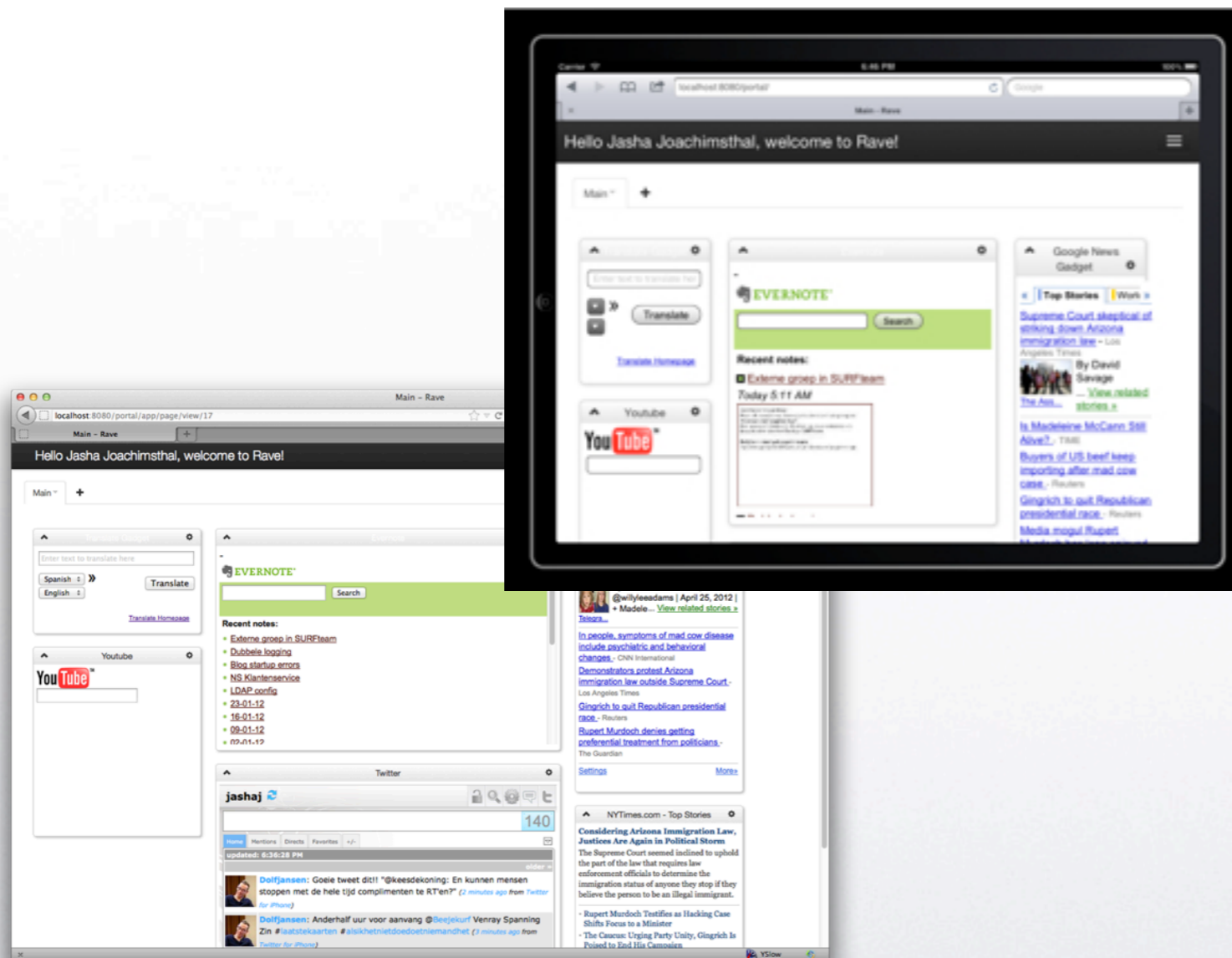


# Multi platform



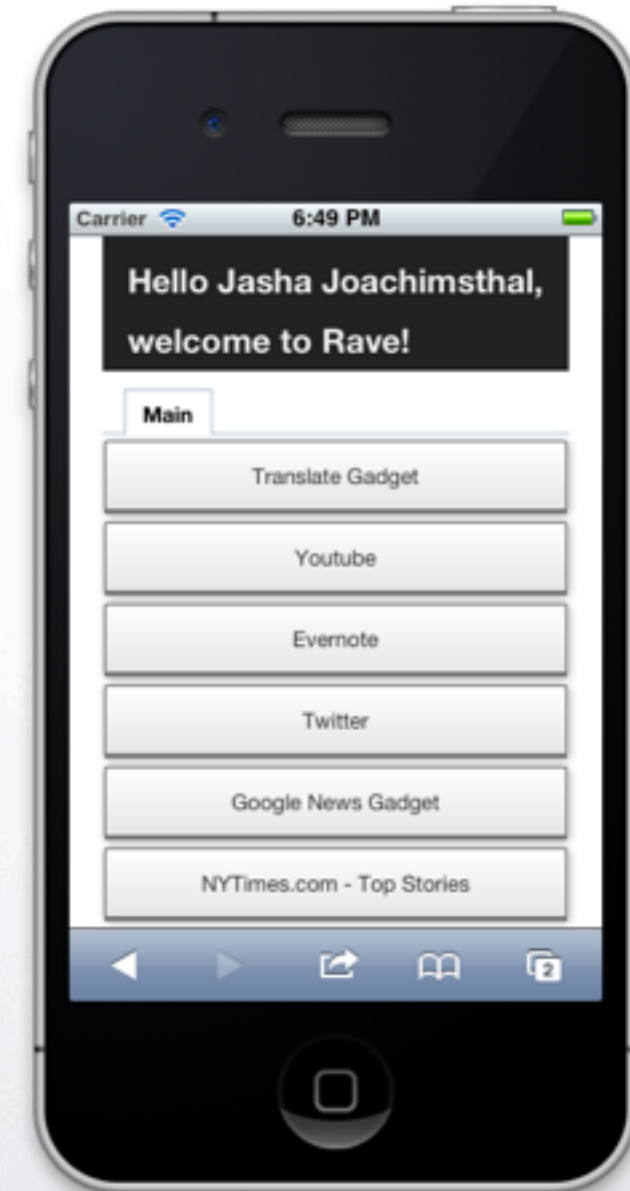
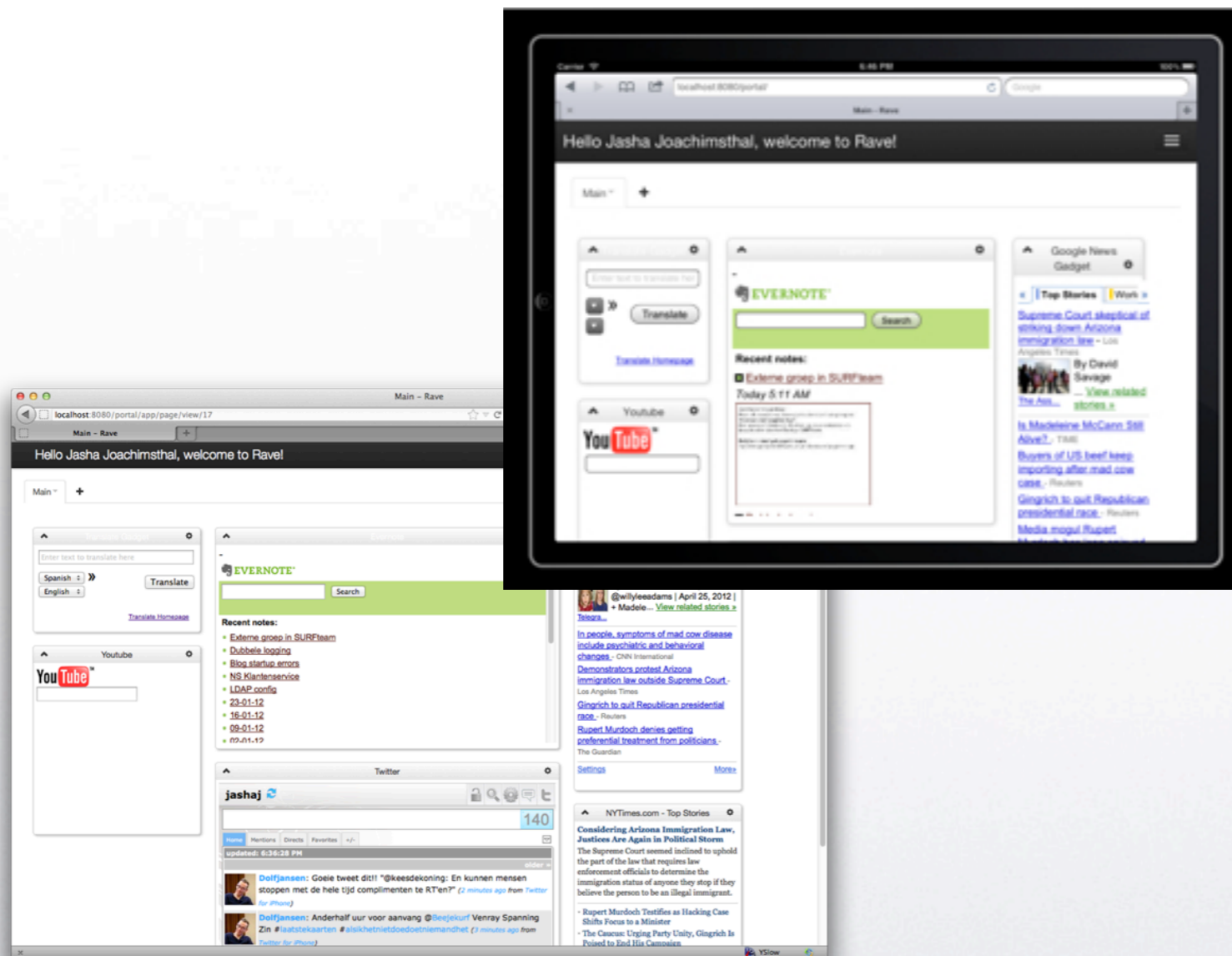


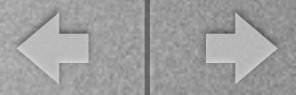
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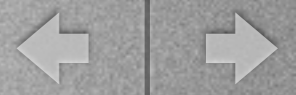
# Re-use of Apache projects





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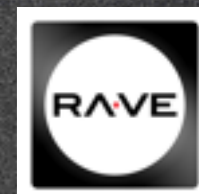


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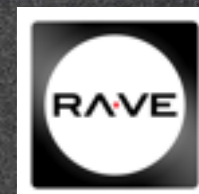
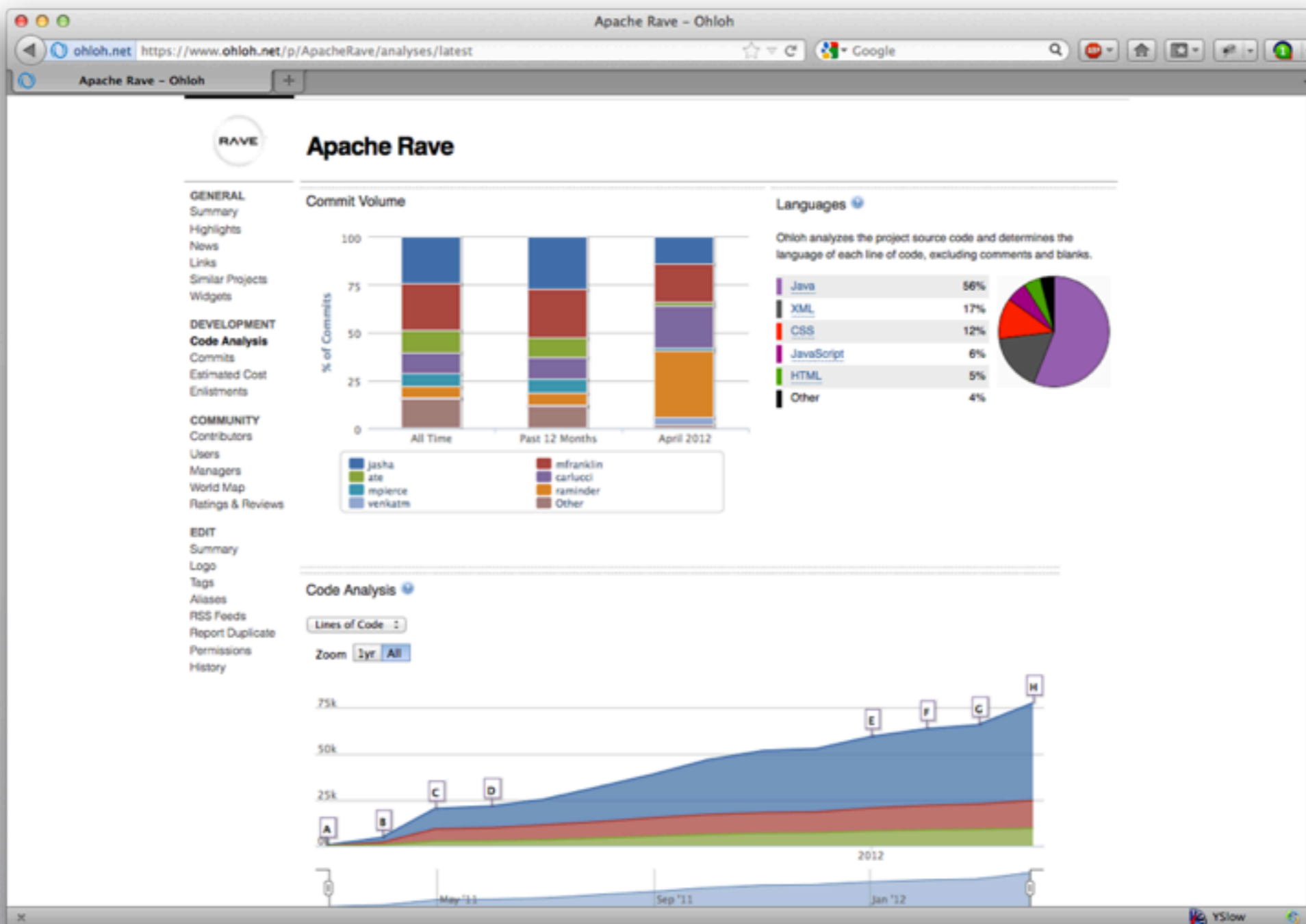


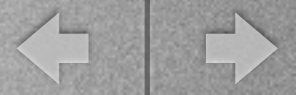
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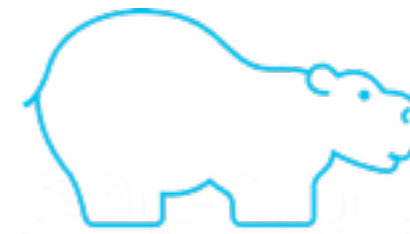


# Apache Rave





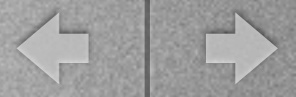
# Initiators



HIPPO

MITRE





# Timeline





## Timeline

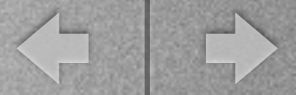
- December 2010: OpenSocial Europe Summit, first brainstorm & discussion session
- January 2011: draft for Apache Incubator proposal
- March 2011: Apache Rave enters the Apache Incubator, existing code is donated
- June 2011: first release: 0.1-incubating
- January 2012: proposal to graduate
- March 2012: Apache Rave becomes a TLP





# Why Apache Rave?

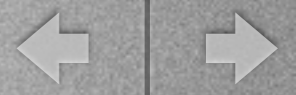




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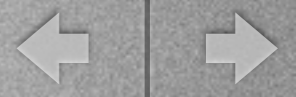




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- The web is social
- The web is mobile

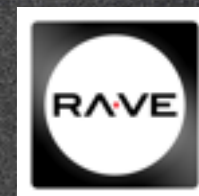






# Features

- Skinnable
- Mobile & desktop view
- Personalized pages
- Widget store
- Admin interface for users & widgets





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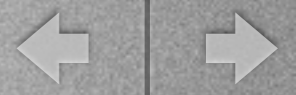
- Pluggable security / authentication
- LDAP, SSO Header authentication
- OAuth
- OpenSocial gadgets
- W3C Widgets





# Future

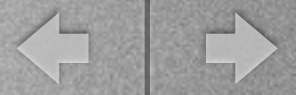




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- **Sharing pages (OpenSocial Spaces)**





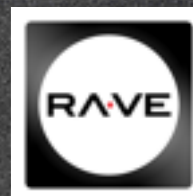
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- ...





# Demo

- <http://localhost:8080>





## Links

- <http://rave.apache.org> (documentation)
- <http://wiki.apache.org/rave> (proposals)
- <http://docs.opensocial.org>
- <http://www.w3.org/2008/webapps/wiki/WidgetSpecs>





# Questions?

