

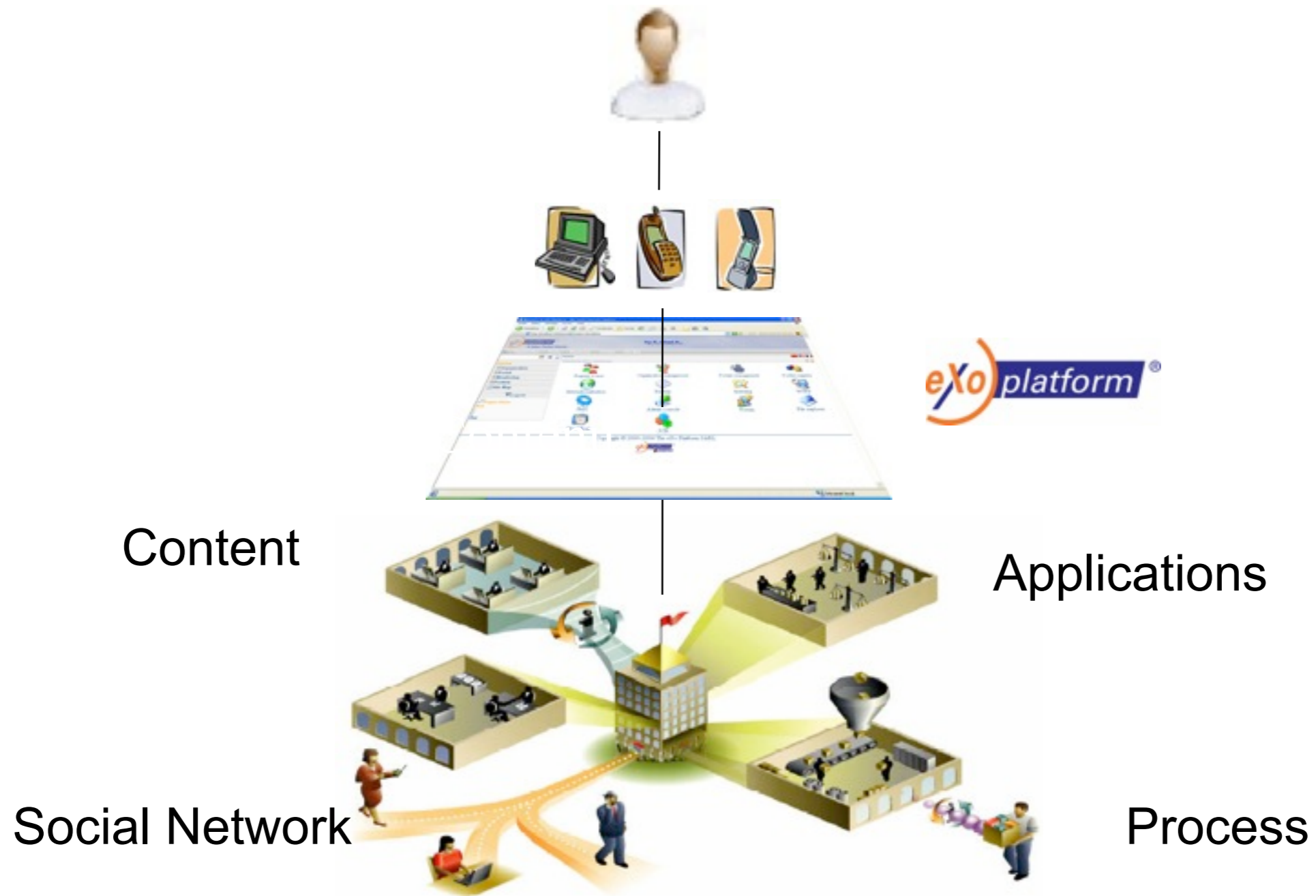
Next Generation Portals

How OpenSocial Standard Adds Social to the Mix?

Tugdual Grall
Solution Linux 2009 / OW2 Conference



EXo Platform



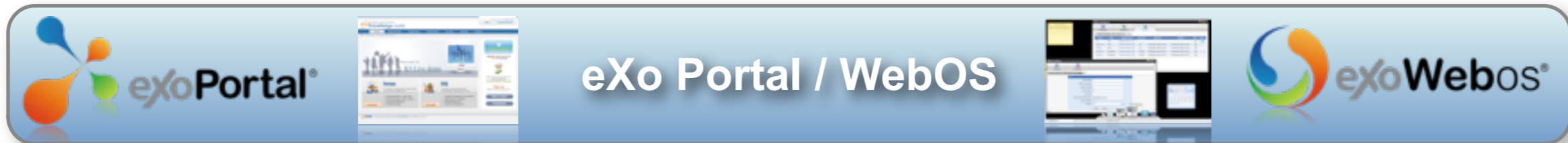
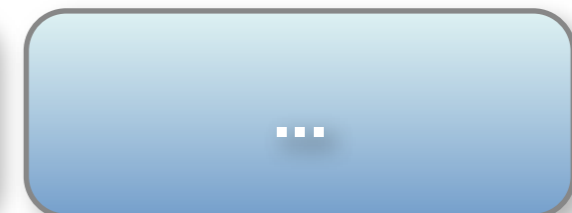
EXo Platform



Market Positioning

- **Open Source Alternative to MS Sharepoint**
 - Open Standard Portal, ECM and Collaborative tools
- **No Deployment Restrictions**
 - Any Operating System
 - Any Middleware
 - Any Database
 - Any Browser
- **Improve Collaborative Work using Web Applications**

The eXo Platform



Portals...

- What is a Portal ?

- Boxes in my Web Browser?

- Unify access to your applications and information

- Integrate heterogeneous Web applications
- Syndicate Content
- Across organizational boundaries
- Integration occurs at the presentation layer

- Usual Features

- Single Sign On
- Personalization / Profiling
- Dashboards
- Internationalization
- Collaboration



- Enterprise Portal Solution

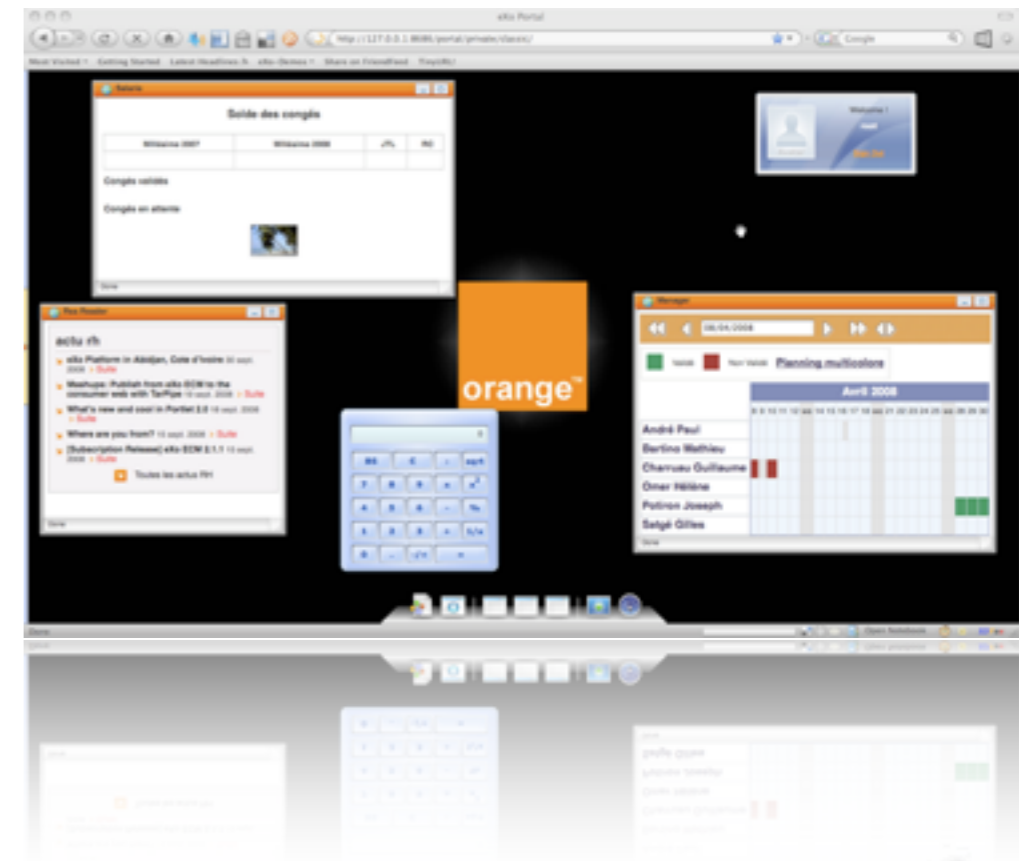
- Facilitate Access to Applications and Data
- Personalization & Profiling

- Standard Based

- JavaEE Based (Web Container dependancy)
- Java Content Repository (JSR-170)
- Java Portlets API (JSR-168 & JSR-286) & WSRP (1 & 2)
- JavaServer Faces Portlet Bridge (JSR 301) -- see *next presentation*



- **Enterprise WebOS**
 - Virtualize your desktop on the Web
- **Based on eXo Portal Infrastructure**
 - SSO, Personalization, Applications
- **Based on Web 2.0 Technologies**
 - Use only HTML/CSS and JavaScript
- **Use Portlets as Applications**
 - Integrate any Web Applications
 - Leverage JSF Portlet Bridge features



Social Networking...

- **To be effective in the enterprise we need to:**
 - Find peers
 - Work together
 - Share information (content, applications, data, ...)
 - Help each other
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- **Internet Social Sites offer today such tools**
- **but...**
 - Many platform, tools,...
 - on the Internet

OpenSocial : Introduction

Why do we need a standard ?

facebook.

orkut^{beta}

plaxo

hi5

viadeo

Ning

Linked in.

myspace.com

exo platform[®]

OW2
Consortium

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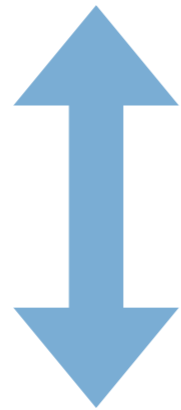


API

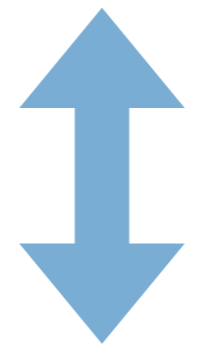


Friends
Profiles
Activities





OpenSocial

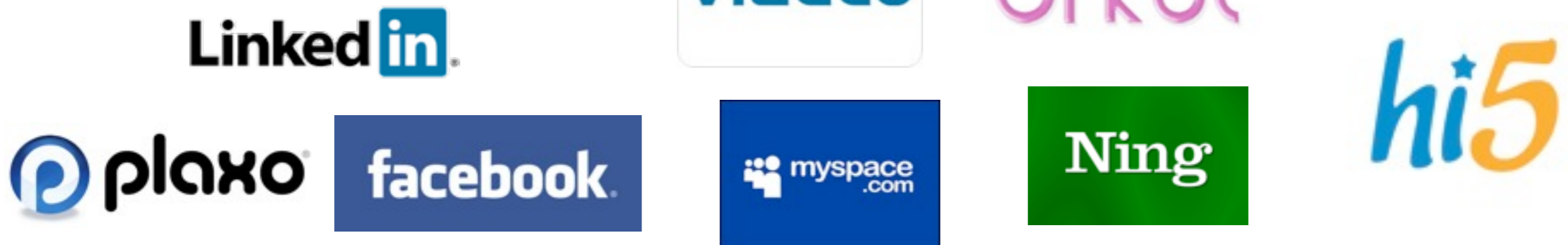


OpenSocial

- One Standardized API

- Managed by the “OpenSocial Foundation” <http://www.opensocial.org>
- Client Side: HTML+Javascript
- Server Side: REST, AtomPub, JSON
- Services Provided:
 - People : Who am I, who are my friends/contacts
 - Activities : What I’m doing
 - Persistence : store information/state

- Use in Many Web Sites



Apache Shindig

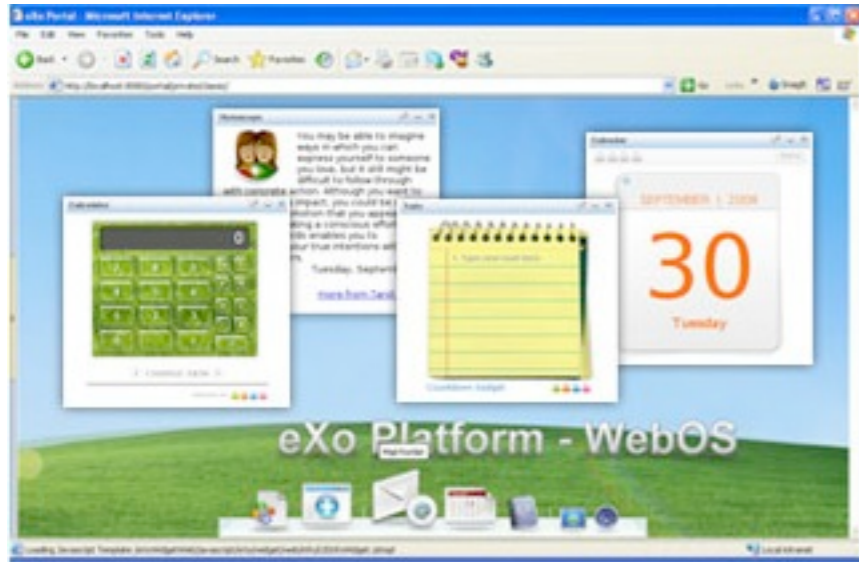
- **Open Source Reference Implementation**
 - OpenSocial and Gadgets
- **Available for Java and PHP**
- **Components**
 - Gadget Server
 - Parses Gadget XML , render code (HTML, Javascript, CSS)
 - Open Social Data Server

Apache Shindig

- **Open Source Reference Implementation**
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- **Embedded in eXo Platform**

EXo Platform Social Features Demonstration

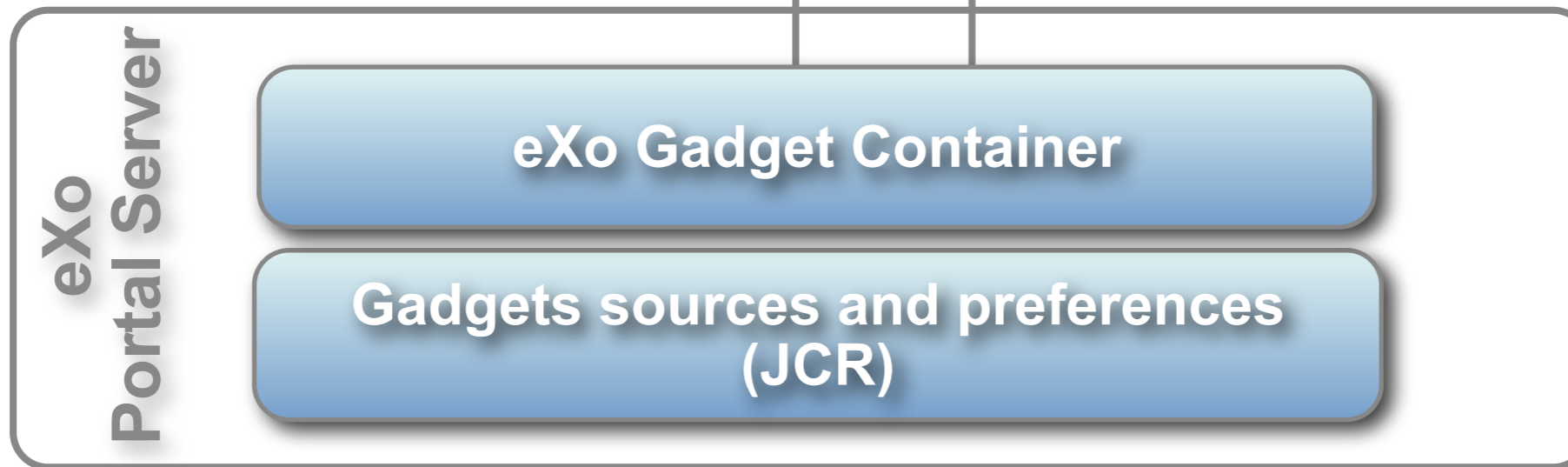
EXo Gadgets



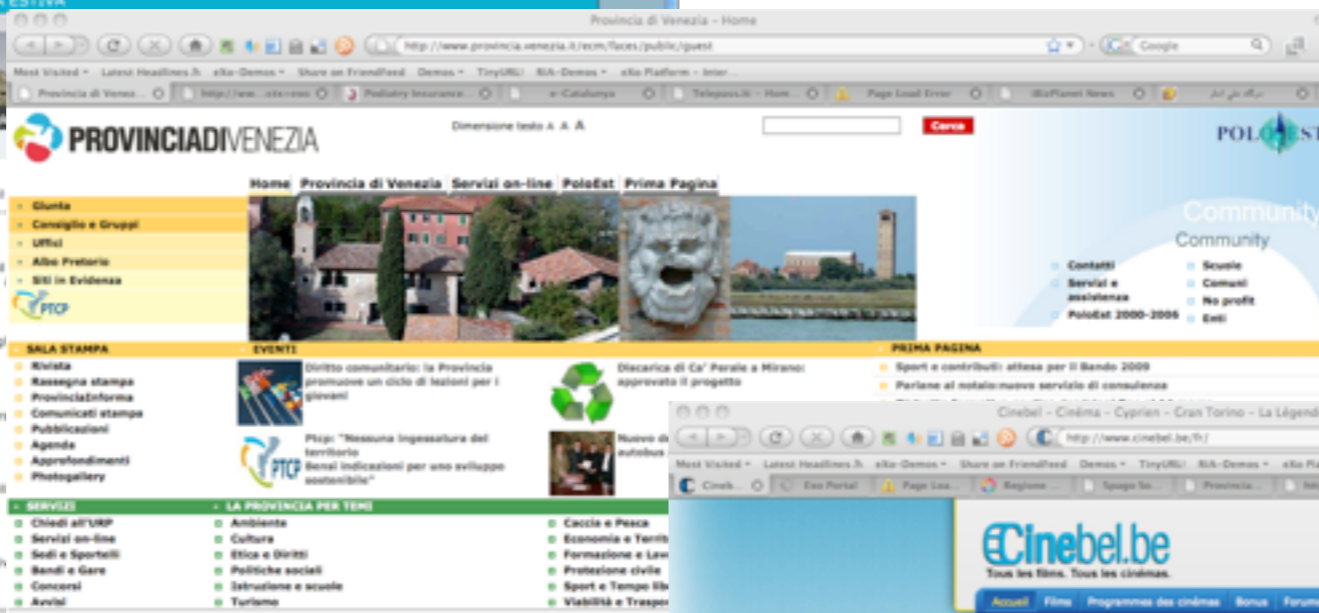
Use Gadgets in
eXo Portal and WebOS



Use your gadgets in any Social site



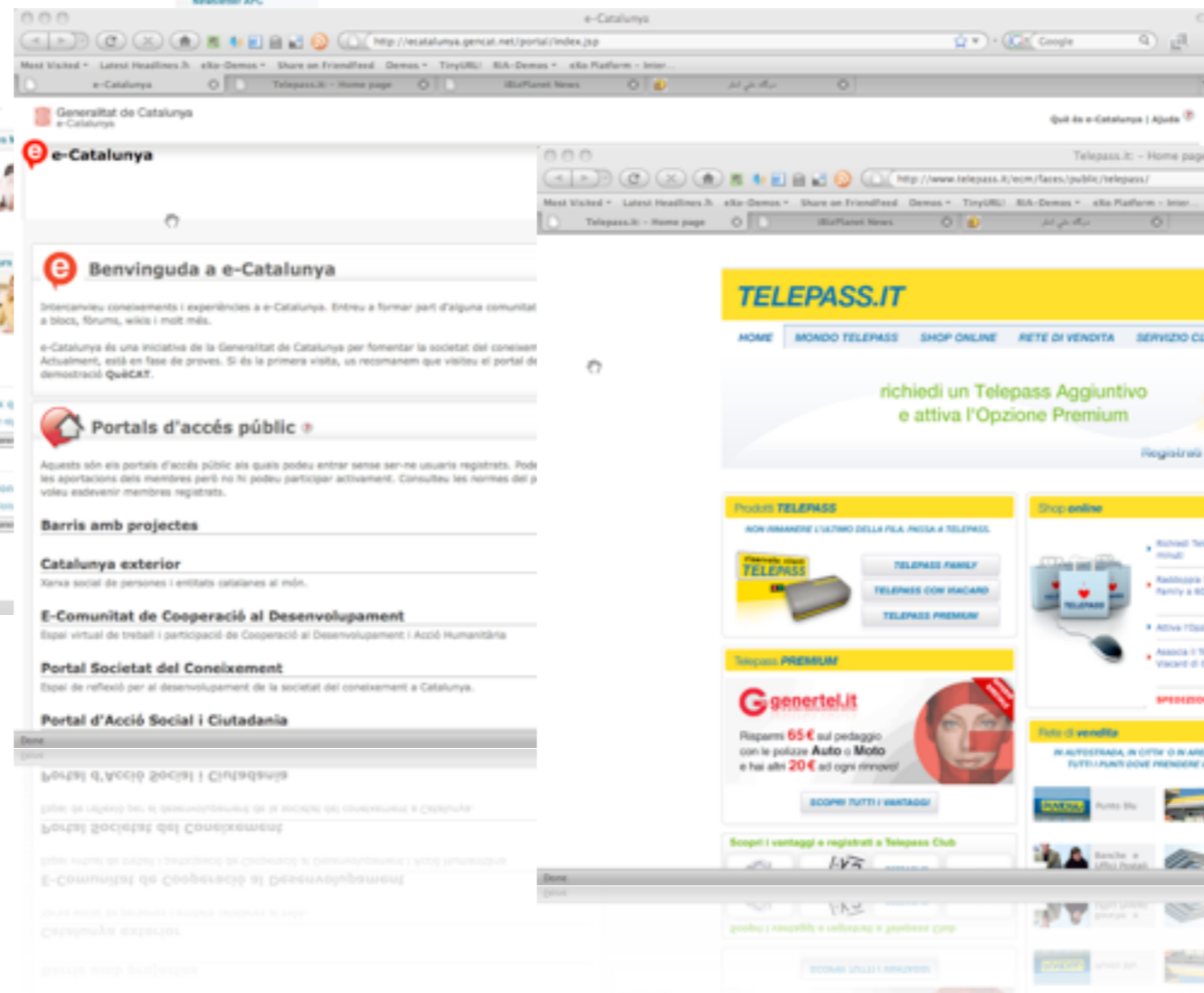
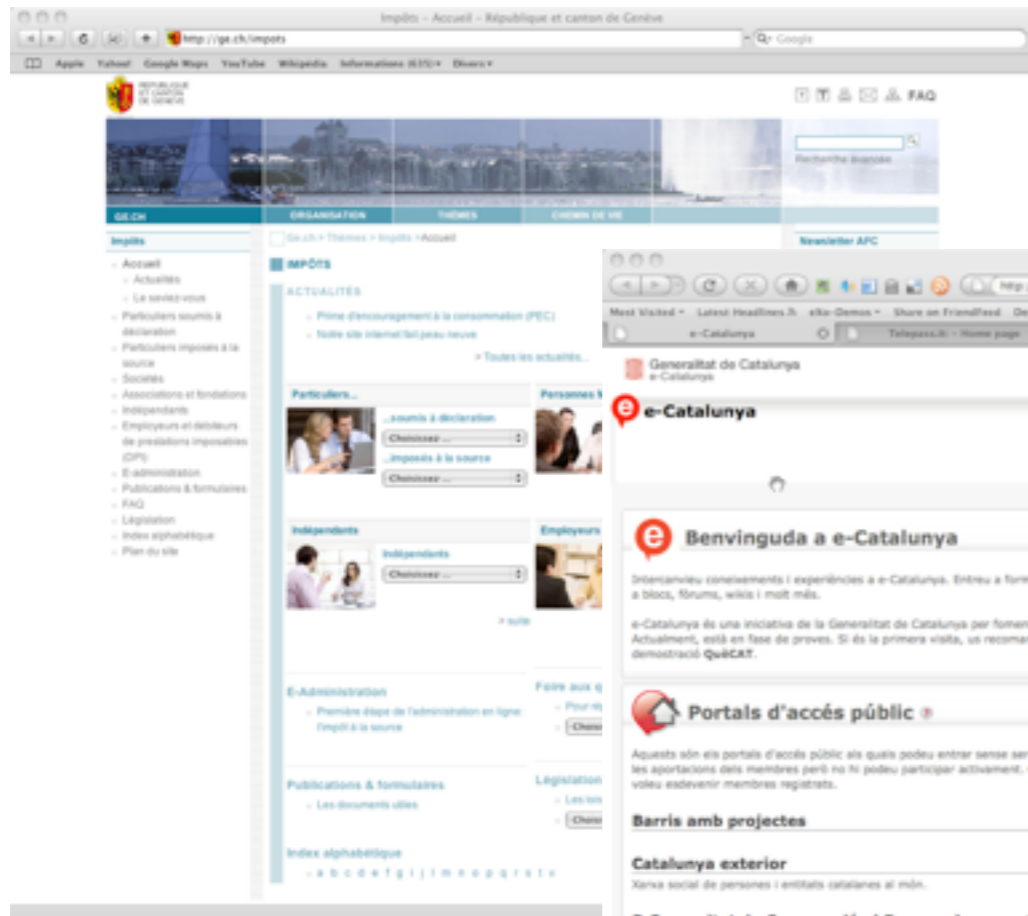
Sites Web



Sites Web



Sites Web



eXo Platform

