Liferay Roadmap

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Introduction

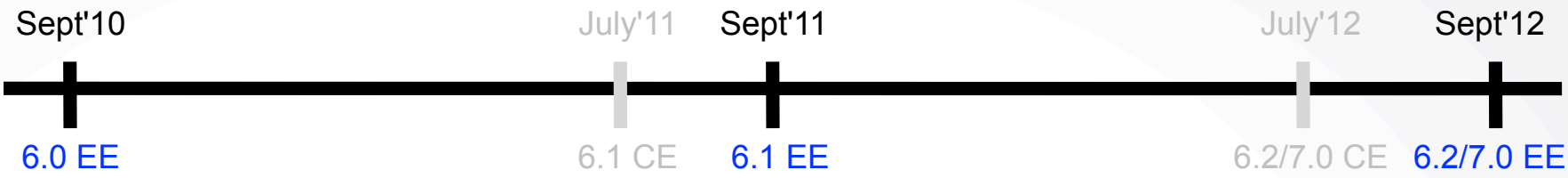


This presentation provides an overview of the main additions and improvements that are being planned for upcoming feature releases. *The presentation is for informational purposes only and is subject to change at any time without notice.*

Many of the features will be provided in Liferay CE, but some will only be available in Liferay EE.

Some features may be provided as part of the Social Office solution, which will be deployable on top of an existing Liferay Portal

Release Schedule



- A significant percentage of these features will be included as part of Liferay Portal 6.1, others may be delayed until the next version (6.2 or 7.0) releases
- Our goal is to release 1 feature release (major or minor) per year with a predictable schedule
- The dates shown in this timeline reflect our current target but are subject to change

6.1 - The Big Picture



Major themes of Liferay 6.1

- **Content is King** - heavy focus on content features
  - **Integrating** with existing repositories
  - **Organizing** content - custom content types
  - **Publishing** content - portlet instances, pages, sites
    - **Site Management** - dynamic site templates
- Building **Business Applications**
- **New** Social Collaboration Tools
- Social Collaboration **Improvements**
- **More** Features
- **Platform** and **Development**





Content Integration



Content Integration



- Users may mount additional repositories while maintaining a common UI:
  - Liferay
  - CMIS
  - Sharepoint
  - Documentum
  - Alfresco
- Allows reusing existing Document Management Systems or even combining them



Organizing Content



Organizing Content



Unify documents, images, videos and other media types

- Unification of the Document Library and Image Gallery into a single unified library
- Native support for storing videos and other media types
- Specialized applications will be available to publish specific media types in site pages

Relationship between content

- For each content it will be possible to specify related content of any type (web content, calendar events, documents, …)
  - Associate web content to calendar events, calendar events to documents, documents to web content, etc.
- Simplified publication of related content in a page along a main content



Organizing Content



Improved taxonomy support

- Faster and easier to use UI
- Allow to target vocabularies at specific asset types
- Ability to specify whether certain vocabularies are mandatory
  - When a vocabulary is mandatory asset authors must select a value in order to create the asset
- Support for single-valued and multi-valued categorizations
- Improved UI for selecting categories
  - Each vocabulary to appear as an independent field
  - Configurable widget per vocabulary (selection box, radio buttons, checkboxes, tree, ...)



Publishing Content



Publishing Content



Business defined content

- Document management systems should speak the language of the user and not the other way around
- Liferay Portal 6.1 will allow administrators to define custom types for the unified library so that end users will be able to use concepts familiar in their context such as:
  - Requirements document
  - Marketing image
  - Etc.
- Each type will have specific automatic and manual metadata to enrich the uploaded file

Pre-configured content can be added as an application

Publishing Content

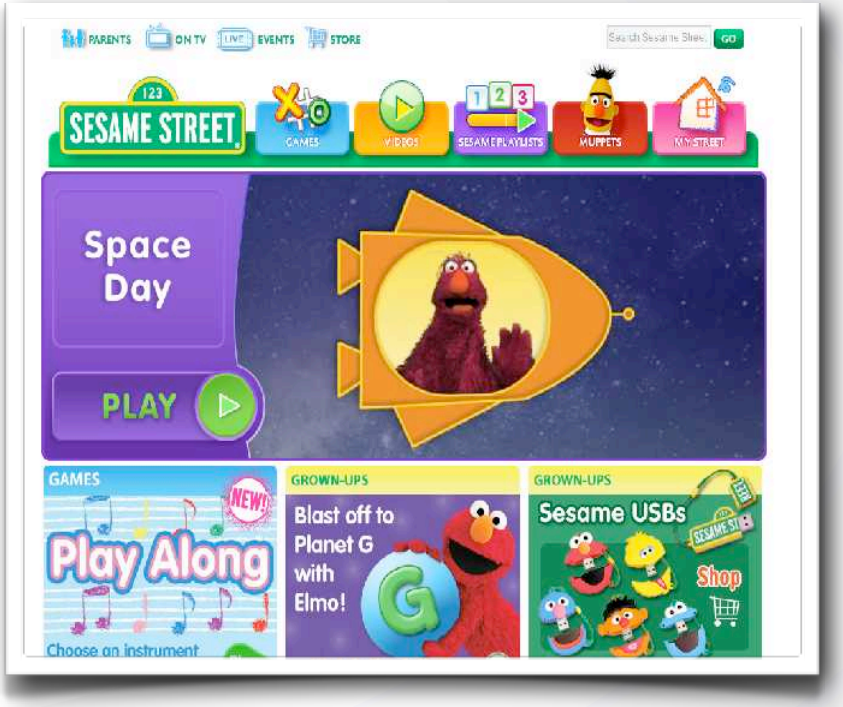
Non-registered user content (fast commenting)

- User participation enabled prior to account creation
- Allow users to post comments or rate content without creating an account
- The name and email address of the user will be kept
- The user will be able to create an account at any time and all his anonymous participation will be automatically assigned to him
- This functionality allows promoting activity in a social site (and it will be possible to turn it off if that's not desired)

Publishing Content

Enhanced Staging features

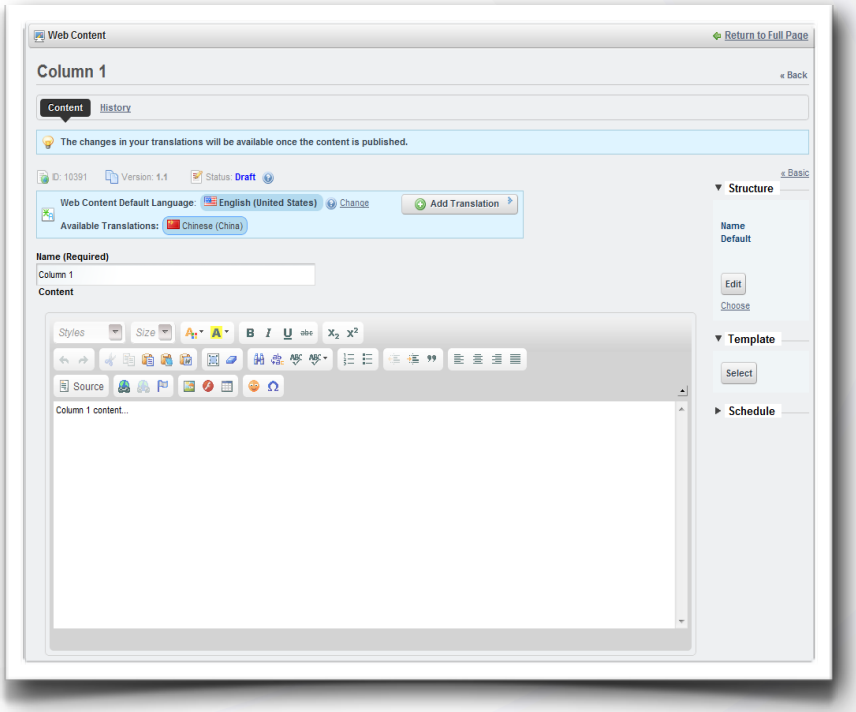
- **Preview** the site in the future based on scheduled publications
- Simultaneously modify **several variations** of the site
  - Each variation may have its own content and pages
  - Multiple teams may work simultaneously on different versions of the site
  - Automatic versioning and undo levels for pages
  - Ability to undo changes
- **Scalable and Robust** (Optimized for Sites with over 100k pages)



Publishing Content

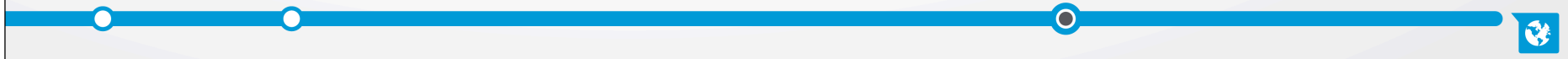
Fully supported multi-language sites

- Web content title and description will also be translatable
- Optimized usability to manage web content translated to several languages





Site Management



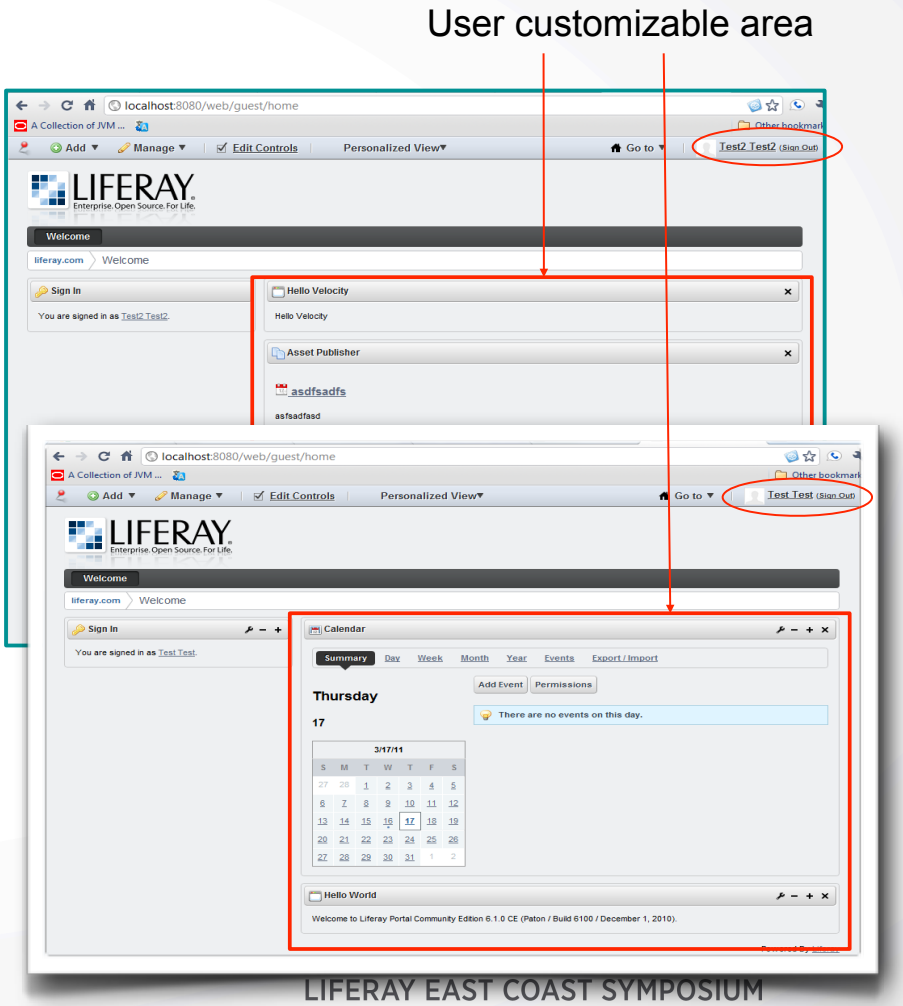
Site Management



- Dynamic Site Templates
  - Sites created from this template type will maintain connection to the original template. Changes to the template will force changes to their derived sites.
  - Site templates administrators determine which parts of the template may be customized and which will change with the original template
- Static Site Templates
  - Same behavior as 6.0:
  - Sites based on static site templates will not change if administrators modify the template.

Site Management

- User Customizable Sites
  - Site administrators may designate certain pages and areas of pages to be customized by end user.
  - A given user's changes are not visible to other Site members.
- Portal Administrator controlled User Pages
  - Portal administrators may control what users can do in their personal pages, including which portlets they can add to their pages.





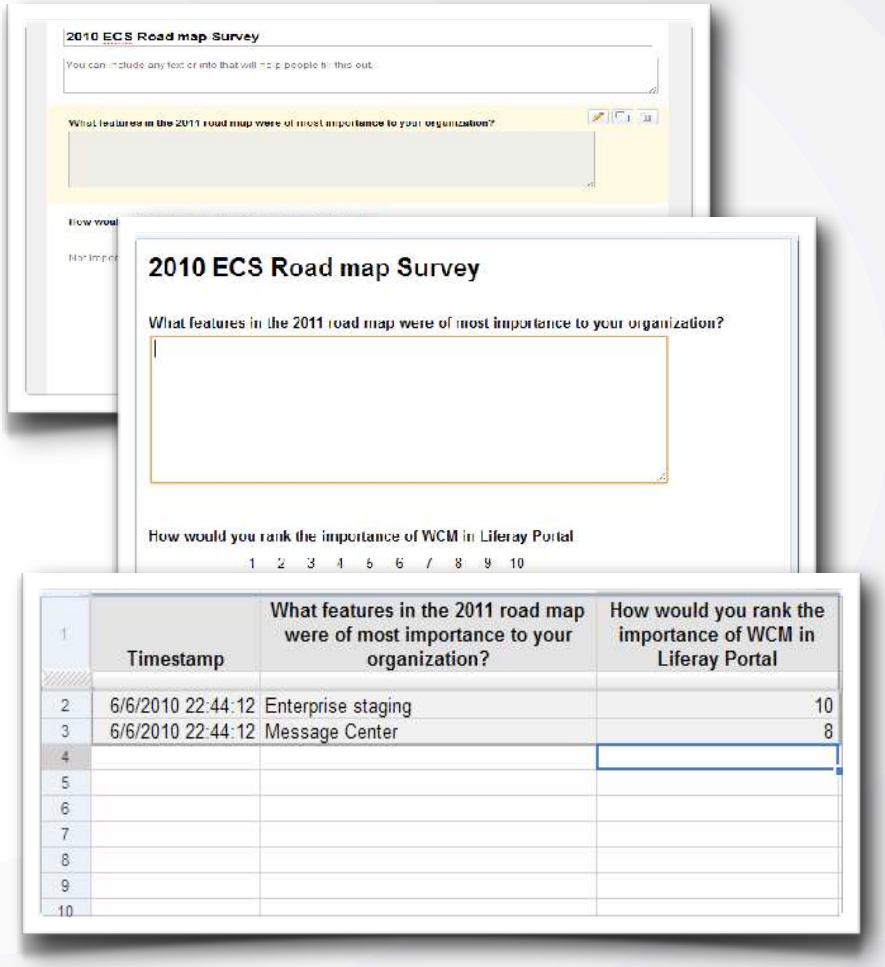
Building Business Applications



Business Applications

User defined lists

- Users define custom entities to store into database
- Users define forms to capture custom entities and user interfaces to display custom entities
  - Project status
  - Weekly sales opportunity update
  - User customizable views
  - Sort order
  - Reorder columns
  - Filter data
- Users create web forms that submit directly into lists
  - Easily gather survey results



Business Applications

Workflow enabled forms

- Will allow online creation of applications based on forms and workflow
  - Flexible web form with multi-step capabilities
  - Integrated with user defined workflow
- Implement business process with no development
  - Sales approval business process
  - Project definition process





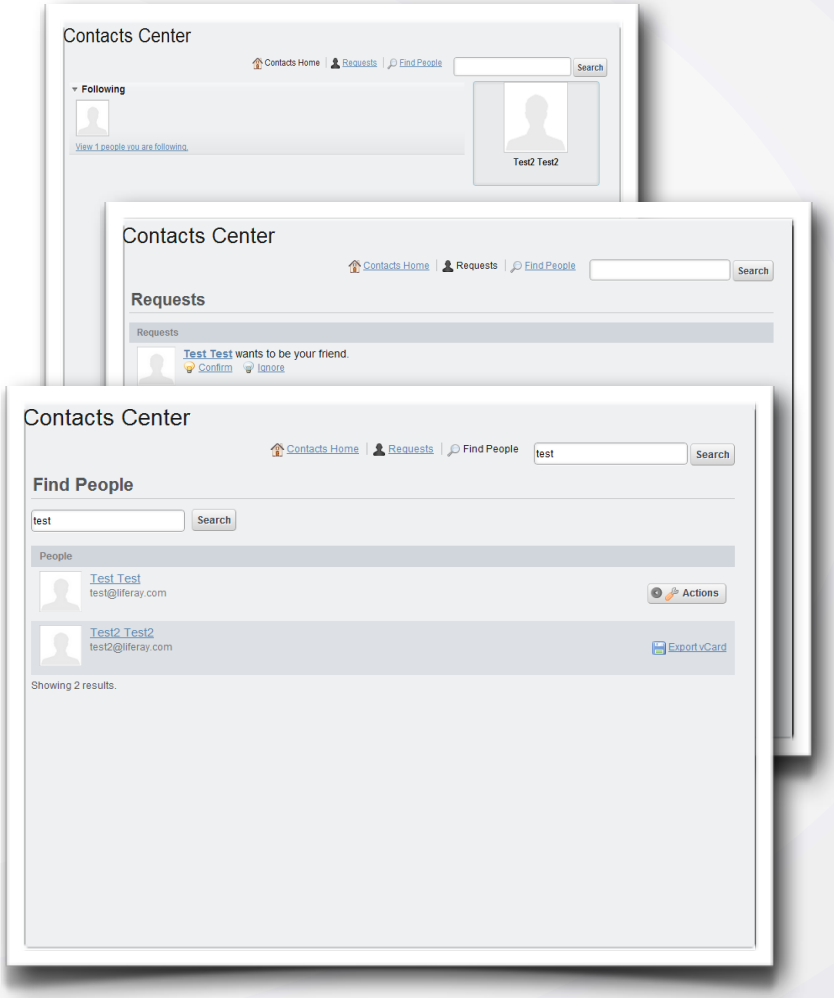
New Social Collaboration Tools



New Social Collab Tools

Contacts Center

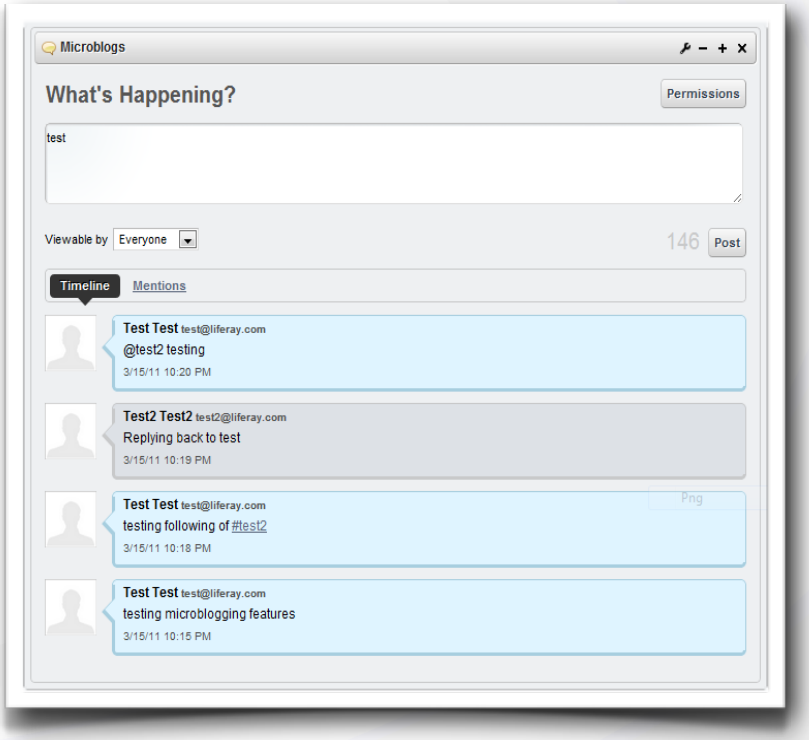
- One stop shop for contact management
  - Friends and contacts within portal
  - View all “Friend“ requests
  - View list of followers
  - Import corporate directories
- Integrated with other collaboration suite elements



New Social Collab Tools

Microblog

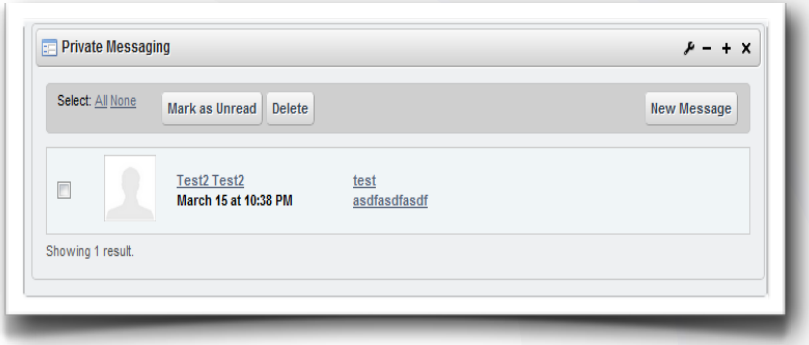
- Short status updates (150 char) for your followers
  - View status updates of those you are following
  - Tagging enabled
- Less intrusive relationships
  - Allows for confirmation-less following
  - Allows for banning of followers
- Integrated with Contact Center for ease of management

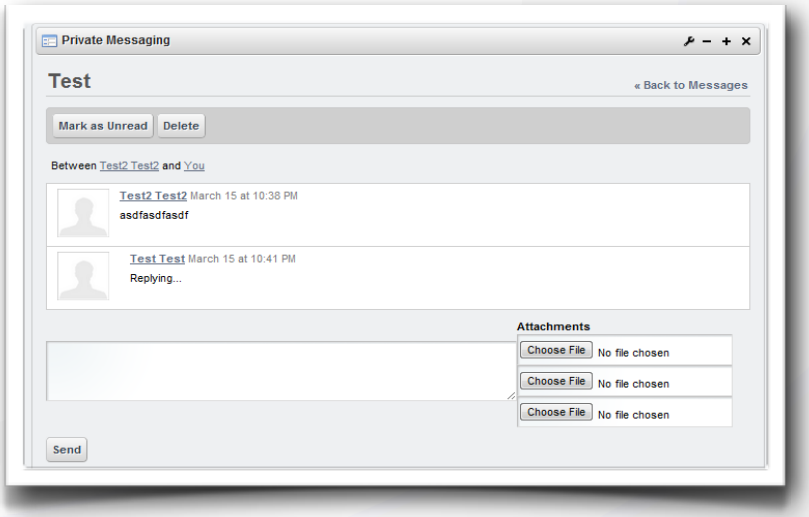


New Social Collab Tools

Private Messaging

- Primary **communication mechanism** within portal
  - Quickly **share links** to documents, blogs, etc with contacts
  - Option to **integrate with email** or maintain “anonymity”
  - Integrates with **auditing** for **compliance**







Social Collaboration Improvements



Social Collab Improvements



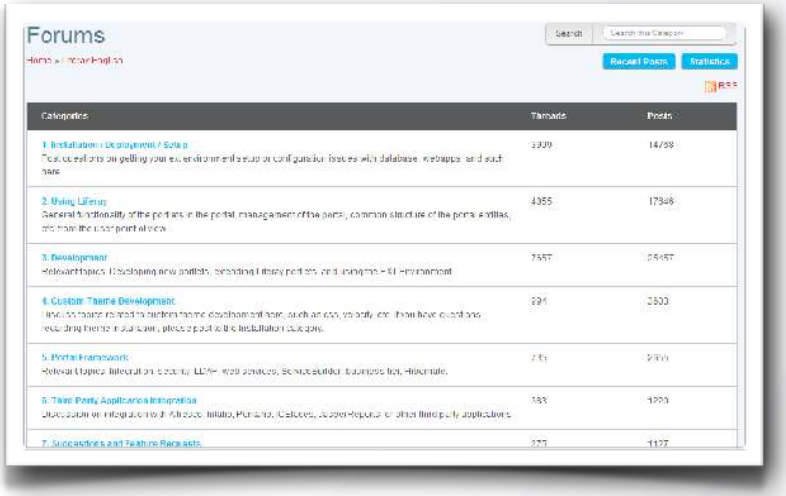
Redesigned Calendar Portlet

- Completely new, Google calendar-like UI for management of events
- Resource Management
  - Add resources (e.g. conference rooms) to a community or company wide
  - View availability of resources
  - Schedule resources with manager approval
- Enhanced Events
  - Configurable event types
  - Rich text for event descriptions
  - Attachments for events
  - Invitations and attendee information

Social Collab Improvements

Message Boards

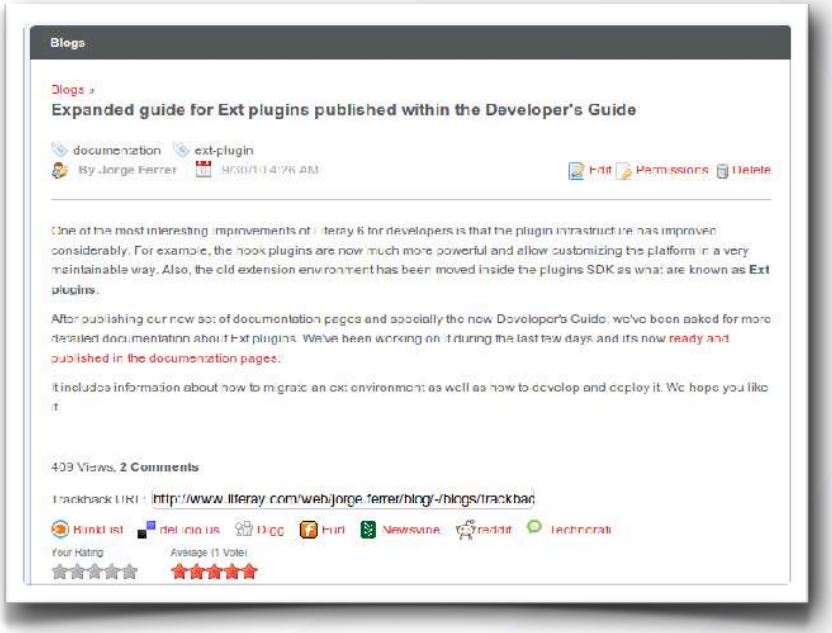
- Full **HTML editor** support
- Improved bbcode editor
- Richer template capabilities for notifications
- Questions & Answers portlet that provides an Stackoverflow.com–like experience to the Message Boards
  - Helps promote participation and find unanswered questions
  - Can also be applied to specific categories of the Message boards



Social Collab Improvements

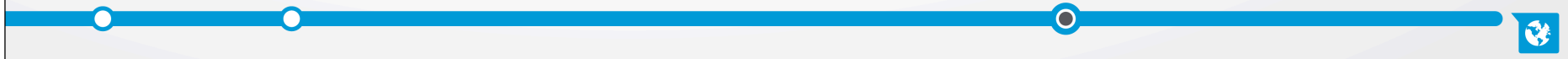
Blogs

- Simplified attachment management
- Auto-tagging
- Easier linking to other blog entries
- Support for independent blog entry abstract
- Improved social sharing (twitter, facebook, ...)





More Features



More Features

Mobility

- Improved out of the box support for new generation devices (iPhone, Android, iPad, ...)
- Allow creation of site variations for specific devices
  - Site variations will be able to have its own pages, sitemap and theme.
  - Site variations will be able to share content with the main site
- Optimized UI for selected core portlets for new generation devices



More Features

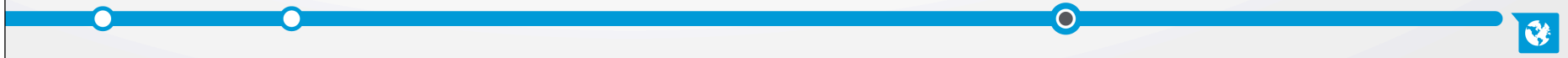
Video

- Video Library (specialized display of the Library for publishing videos in a site page)





Platform and Development



Platform and Development

Portal as Platform

- Scalability
  - 1M users, 1M MB entries, 100k blogs no longer enough!
  - Azul JVM appliance certification
- Data Grids
  - Terracotta, BigMemory
- Management and Monitoring
- SNMP integration
  - Liferay + Tomcat for the Enterprise
  - OSGi



Platform and Development



RESTful Web Services

- An additional web services layer to complement the existing options (SOAP, JSON+HTTP, ...)
- Based on the Atom Publishing Protocol with Gdata extensions
- Allows for Internet-size usage of web services:
  - Maximum scalability through caching and absence of server state
  - REST allows changes in the API will require little or no changes to clients

Platform and Development



Liferay as a SSO Server

- Liferay Portal will be able to act as an SSO provider for all applications
- Will be achieved by implementing the SAML 2.0 standard:
  - Liferay as a SAML Identity Provider
- Also: Implementation of OAuth
  - Allow applications to connect with third party resources without making the user disclose their credentials



Platform and Development



OpenSocial 1.1

- Implement the new version of the OpenSocial standard
- Online gadget builder with Mashups
- Communicate between Gadgets and Portlets via events
- Specially relevant for SaaS-like offerings



Platform and Development



Lower the learning curve for development

- Easier and more powerful Liferay IDE and Liferay Developer Studio
- Sandbox Development Environment: Enjoying the benefits of PHP like development within Liferay
- Improved documentation:
  - Expanded Developer's Guide
  - Improved Javadocs
  - Reference documentation for all configuration files, taglibs, ...
  - Liferay IDE and Studio



Platform and Development

Liferay IDE & Liferay Developer Studio

- Visual UI builder with Alloy UI integration
- “Liferay in the Cloud”
- Workflow Designer for Kaleo
- “Native” support for additional application servers
- Much much more:
- http://www.liferay.com/web/greg.amerson/blog



Conclusion

- We are going to invest heavily on continued improvement of our existing tools
  - Social Collaboration and content management will have huge improvements
- Significant new applications will be developed to allow for faster ROI
  - Workflow forms, User lists, resource management, video, mobile, message center, ..

Feedback & Suggestions



- Engage your account manager
- Use our forums:

  forum.liferay.com

  Liferay English > Suggestions & Feature Requests

Thank You



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Sources for images

- http://www.flickr.com/photos/danardvincente/2512148775/
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