

Learning Lab Denmark pre-launches a new Plone-based website

Danish Zope Users Group (ZUG) meeting
November 26, 2003
Symbion Science Park

Presenter:
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Information Broker
Learning Lab Denmark

Event page: <http://www.zug.dk/Members/Stoft/1064423371839628480>

Learning Lab Denmark pre-launches a new Plone-based website

- Brief intro to Plone 2.0
- Building a workflow for translation of content
- Handling multilingual content in Plone
- Using LDAPUserFolder with Active Directory
- Extending the Epox WYSIWYG editor
- Using the TextIndexNG search tool
- Using CMFOODocument
- Future projects and integration ideas

Brief intro to Plone 2.0

- Design improvements
- Control panel
- Users/groups management
- Syndication tool

Further info:

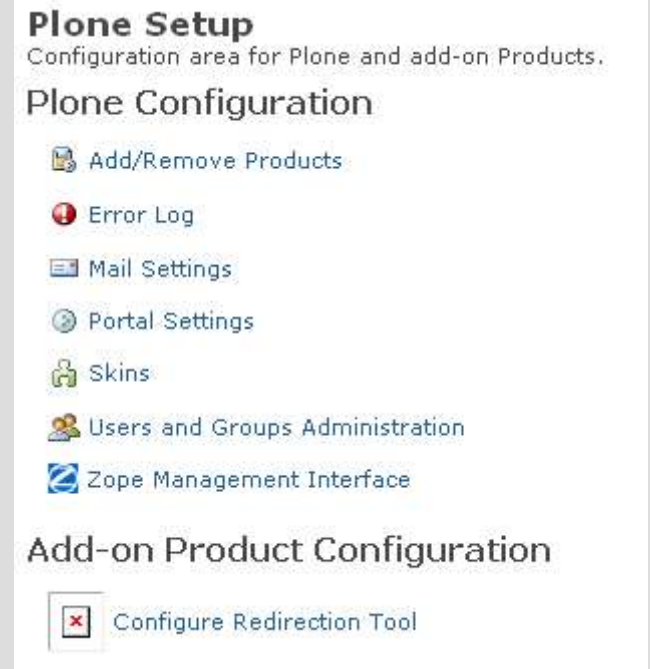
<http://www.plone.org/development/current/projects/WhatsNewInPlone20ForDevelopers/>

Plone 2.0 – Design Improvements

- Cleaned up skins directories
- main_template is simplified / more readable
- Tableless layout - 100% table-free
- Customize by editing ploneCustom.css
- All items are controlled by CSS
- Tool tips are improved

Plone 2.0 – Control Panel

- Add/remove products using QuickInstallerTool
- Error log
- Mail settings
- Portal Settings
- Skins
- Users and Groups Admin
- ZMI
- Pluggable architecture
 - RedirectionTool
 - PloneBoard



Plone 2.0 – Users & Groups

Back to Panel

Users Groups

User Management

Click the User Name to see and change the details of a specific user, or click the envelope to send a mail. You can edit the and e-mail address and remove users directly from this form. You can also access the user registration form to add new users.

Add New User

Quick search:		Search	
User name	E-mail Address	Reset Password	Remove user
AD Administrators ()	ADAdministrators@lld.d	<input type="checkbox"/>	<input type="checkbox"/>
AKE (Alexandra Kida)	Alexandra@lld.dk	<input type="checkbox"/>	<input type="checkbox"/>
AKS (Anne Kathrine Sonnichsen)	AKS@lld.dk	<input type="checkbox"/>	<input type="checkbox"/>

Users Groups

Groups Management

Groups are logical collections of users, like departments and business units. They are not directly related to permissions on a global level, you normally use Roles for that - and let certain Groups have a particular role.

Add New Group

Quick search:		Search				
Group name	Roles					Re
	Member	Reviewer	Translator	Manager	Owner	
MS-Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NS-Group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Integration with GroupUserFolder (GRUF)
- Can add new users, edit existing users
- Add new groups, assign roles and members to existing groups

Plone 2.0 - Syndication





- Any search result can be delivered as an RSS feed
- RSS syndication can be enabled on any folder
- Subscribe to feeds using NewsGator (Outlook Plugin)

<http://www.newsgator.com>

Search results

10 items matching your criteria.

RSS

Title ^	Author	Last Modified	Description
 mathematics	MMI	2003-11-26 03:13 PM	An example of mathematical writing
 Objects to think with in Mathematics	mea	2003-11-11 12:38 PM	The project contributes to the development of the knowledge of mathematics education in the aspect of using "objects to think with".
 Project description	JEK	2003-11-26 03:30 PM	
 Mathematical Writing	MMI	2003-11-26 03:15 PM	How can technology support mathematical writing?

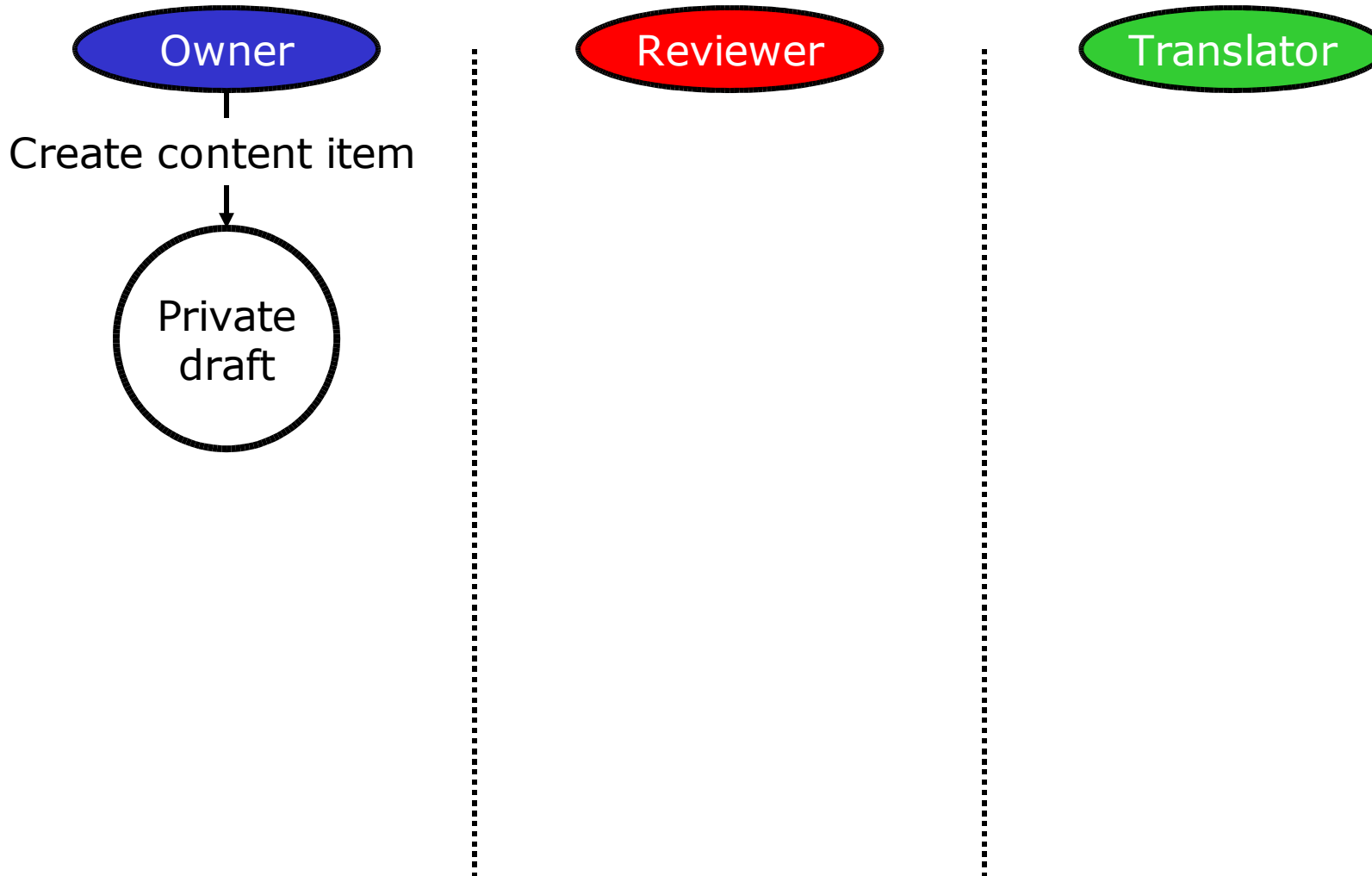
```
<?xml version="1.0" encoding="utf-8" ?>
- <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:sy="http://purl.org/rss/1.0/modules/syndication/" >
- <channel rdf:about="http://web.ild.dk">
  <title>Learning Lab Denmark</title>
  <link>http://web.ild.dk</link>
  <description />
  <image rdf:resource="http://web.ild.dk/logo.jpg" />
- <items>
  - <rdf:Seq>
    <rdf:li
      rdf:resource="http://web.ild.dk/consortia/mathands"
    </rdf:li>
    <rdf:li
      rdf:resource="http://web.ild.dk/consortia/mathands"
    </rdf:li>
```

Building a workflow for translation of content

- Introducing a Translator role in addition to the usual Owner, Member, Reviewer, Manager roles
- Using Plone 2.0 drop-downs to add, review, translate and publish content
- Products used:
 - DCWorkflow
 - CMFPlone 2.0
 - CMF 1.4

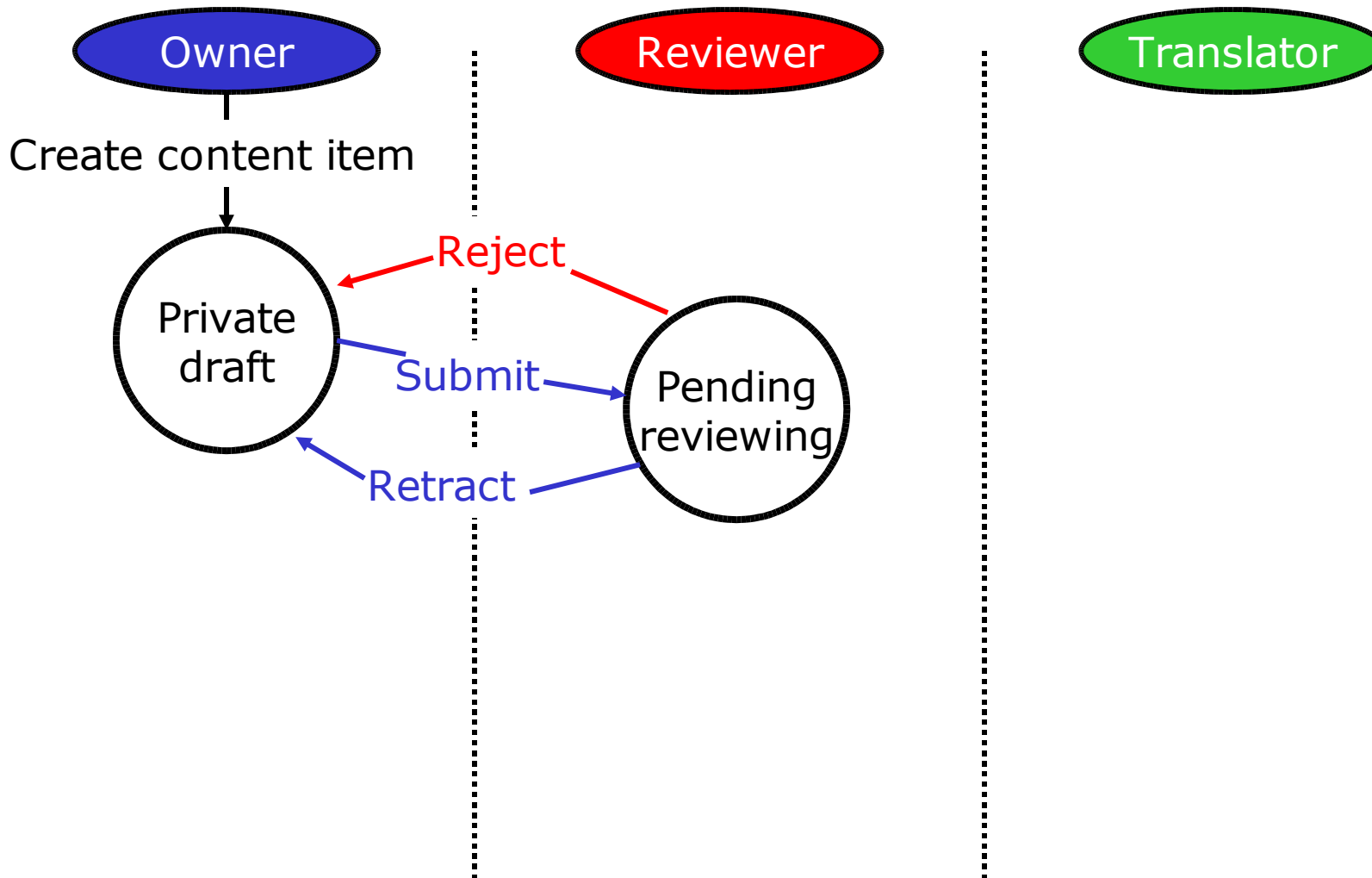
WORKFLOW

FOR WEB CONTENT MANAGEMENT



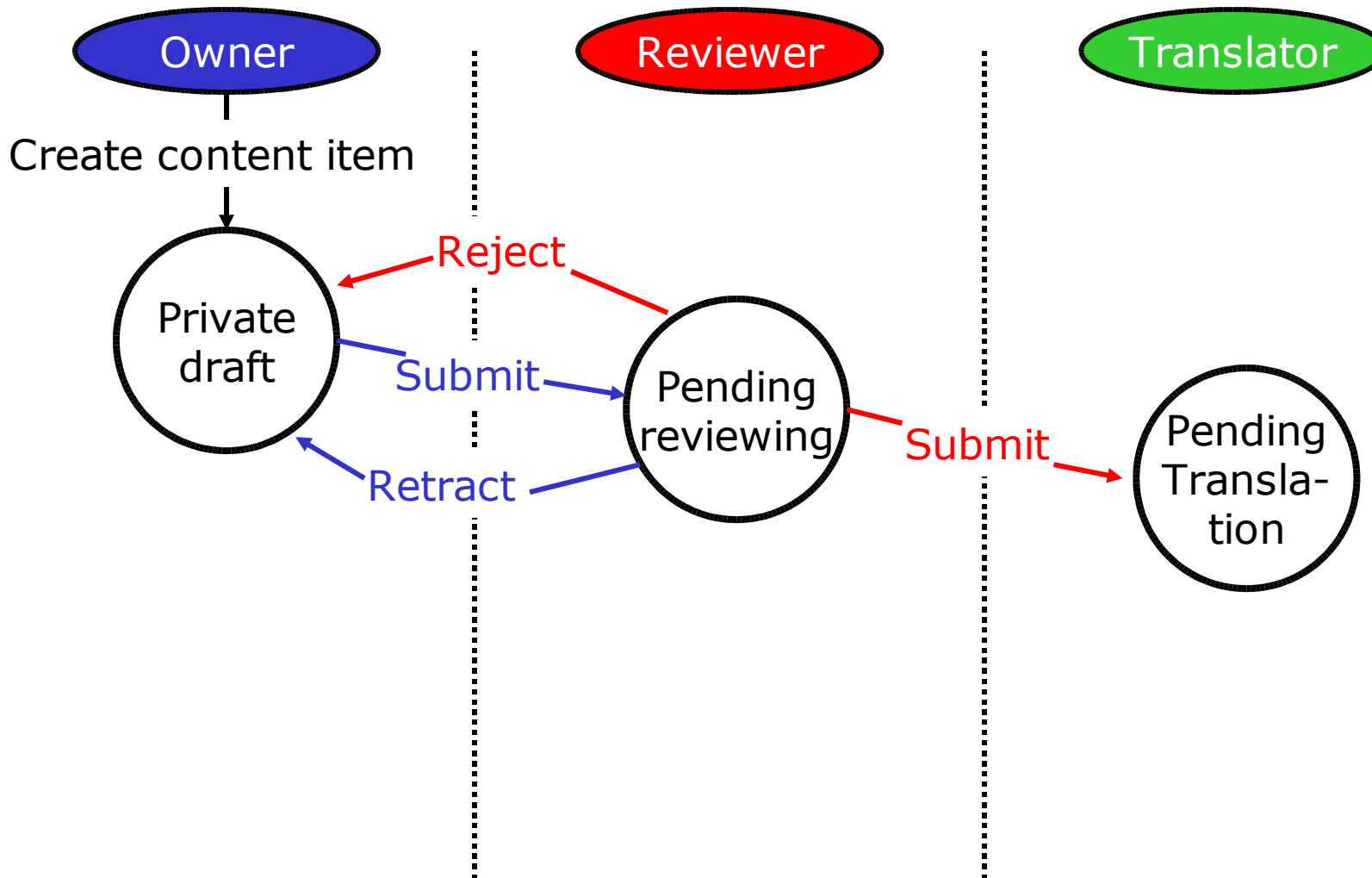
WORKFLOW

FOR WEB CONTENT MANAGEMENT



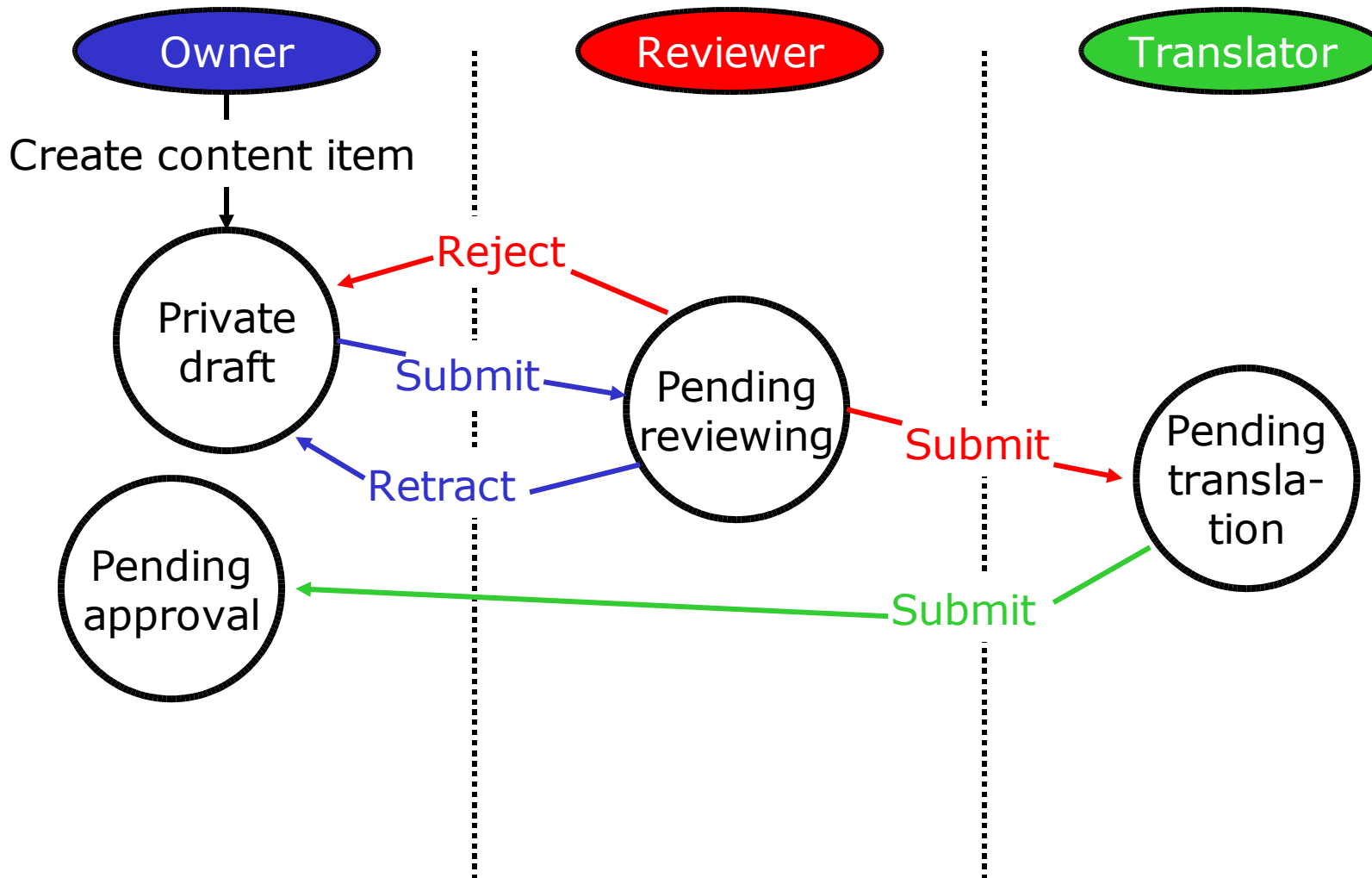
WORKFLOW

FOR WEB CONTENT MANAGEMENT



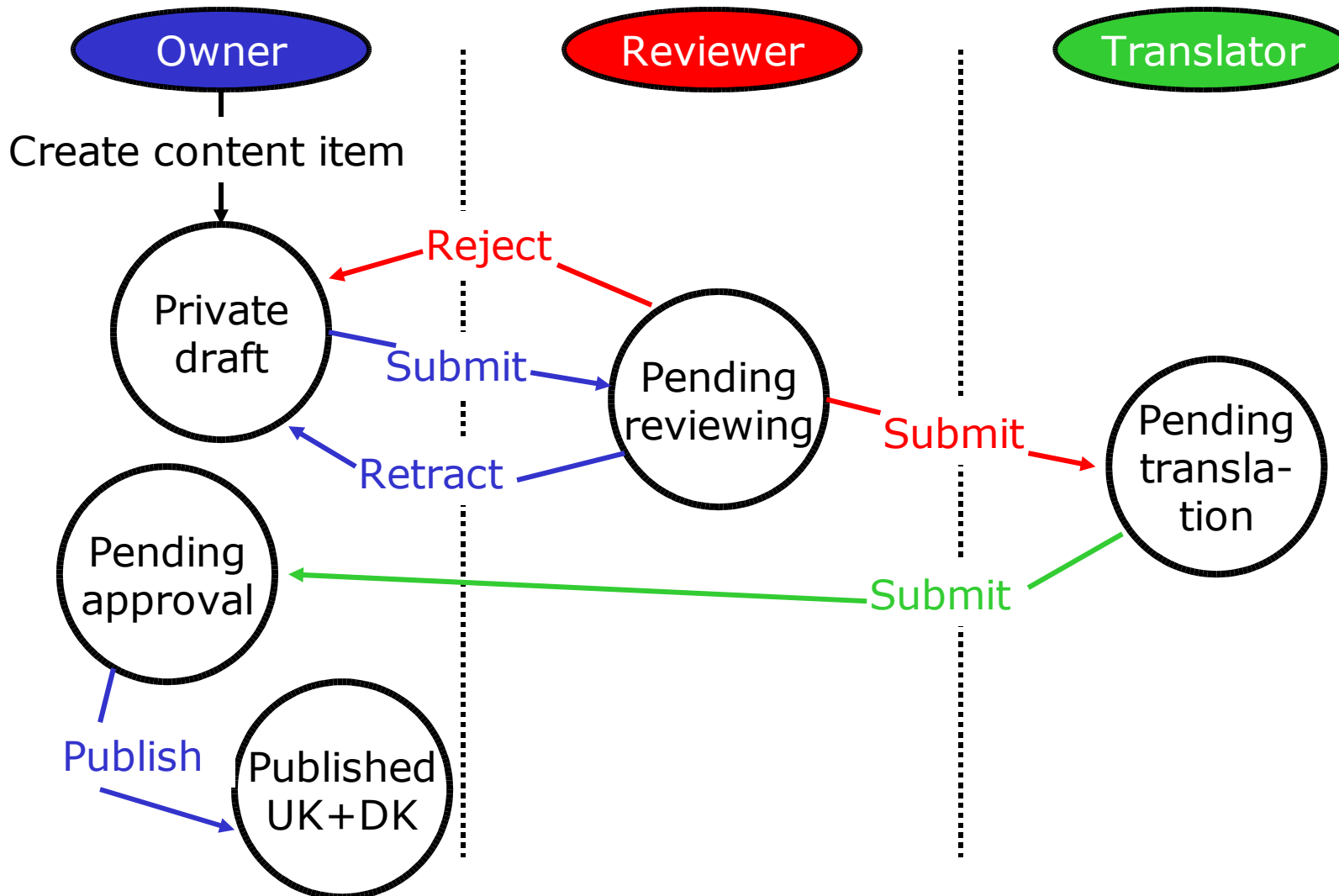
WORKFLOW

FOR WEB CONTENT MANAGEMENT



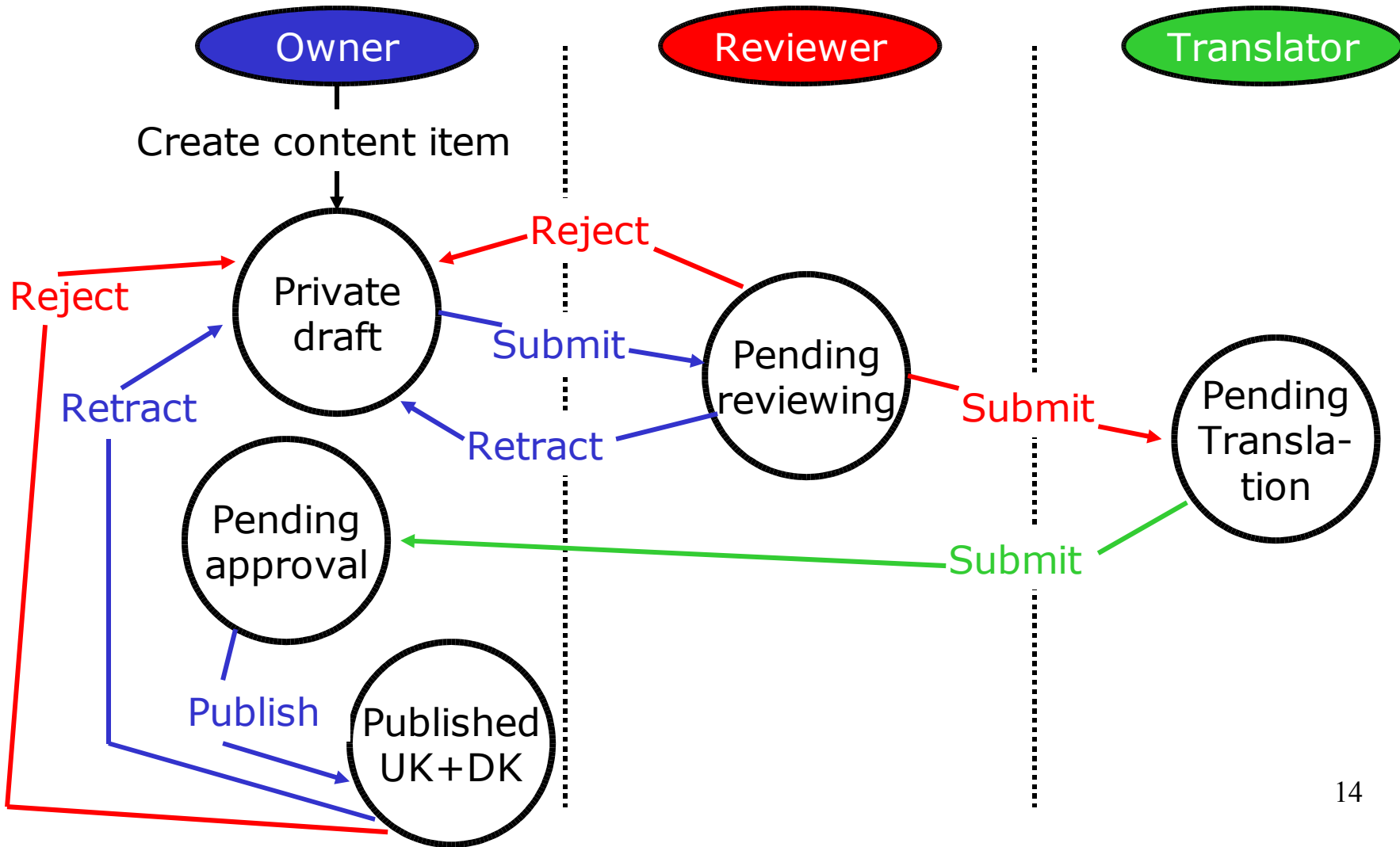
WORKFLOW

FOR WEB CONTENT MANAGEMENT



WORKFLOW

FOR WEB CONTENT MANAGEMENT



Handling multilingual content in Plone

- Making the i18nlayer transparent, and easy for translators to translate
- Configuring fallback languages and negotiation schemes
- Products used:
 - Archetypes
 - PlacelessTranslationService (PTS)
 - PloneLanguageTool
 - i18NLayer

Using LDAPUserFolder with Active Directory

- Single sign-on authentication against AD
- Mapping AD groups to Zope roles
- Users/groups management in Plone 2.0
- Products used:
 - LDAPUserFolder
 - CMFMember
 - GroupUserFolder (GRUF)

Extending the Epoz WYSIWYG editor

- Styles integrate with the Plone CSS headings and styles
- Link browser can add links to local content or external links
- Upload images and auto-resize to fixed dimension
- Image browser with thumbnail preview
- Products used:
 - Epoz
 - Python Imaging Library (PIL)

Using the TextIndexNG search tool

- Provides Danish stop word and stemming support
- Indexes MS Word and PDF documents
- Not yet fully i18n aware

Using CMFOODocument

- Provides round-trip editing of Open Office documents saved on Zope site
- Rendered in HTML on a Plone site
- Requires patch to fully work with ExternalEditor / WebDAV

Using ExternalEditor with OpenOffice - extending EE to use webdav
<http://www.zopelabs.com/cookbook/1068031237>

Future Projects

- Blogs / Weblogs / Researcher Journals
 - SimpleBlog
- Annotations / Online peer review
 - ZAnnot & Annozilla
- Video streaming
 - My Media Manager
 - Parwin

Future projects continued...

- Event registration
 - ManagedMeetings from EIONET
 - vCalendar
- Books
 - CMFAmazon / CMFBook
- Polls / Surveys
 - MPoll / PlonePoPoll
- Keywords
 - PloneKeywordManager
 - PloneKeywordExplorer

Integration projects

- Groupware
 - OpenGroupware.org
- Document Repository
 - DSpace.org
- Relationships tool
 - Zope Topic Maps <http://sf.net/projects/ztm>
 - TICLE <http://www.plone.org/development/current/projects/Ticle/>

Integration projects continued...

- Chat / Online messaging
 - Jabber.org
- Contact Management System
 - Outlook/Exchange <-> Plone bridge
 - vCard
- Syndication (publishing RSS feeds)
 - Plone's portal_syndication tool
 - Clients: Newsgator.com, RSSReader.com

For more information

- Bug collector, Wiki, RSS feeds, and other project information can be found at:

<http://webdev.lld.dk>

Report a bug! Join the discussion!

Nate Aune – nate at lld.dk