



Workflow

4Ever

Architecture of Prototype 1

Sandbox (Virtual Machine running Ubuntu)

Wf4Ever ROSRS
Research Object Store and Retrieve Service
Java/Tomcat

Java RMI

Create RO objects
Upload resources

Retrieve RO content
Retrieve metadata



REST API

LibreOffice
Perl python
Make research object
Make version
Upload resource
(Update metadata)

Retrieve new manifest



sync status

Background sync job

Wf4Ever ROBox
Connecting Research Objects
Ruby on Rails in your Works with Dropbox folder

Web interface

Background sync job

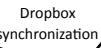
Find new/changed/removed files



Upload manifest



Dropbox REST API



Dropbox synchronization

User logs in via Dropbox web pages

Wf4Ever ROBox
Connecting Research Objects in your Dropbox folder

Getting Started

Successfully logged in. Welcome back Wf4Ever Test User

Manage your Research Objects (ROs)

The Wf4Ever ROBox app connects up your Dropbox and synchronises your Research Objects (ROs) with dLibra

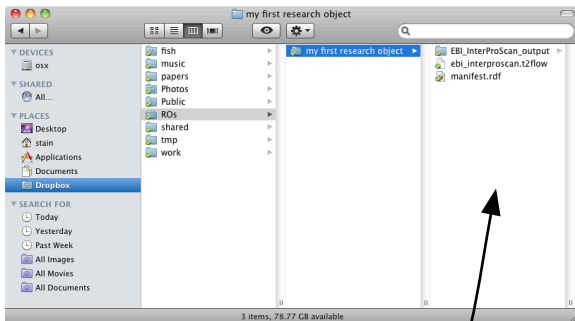
Getting Started

1. Sign in or connect with your Dropbox account
2. Specify a location in your Dropbox to find/store ROs
3. Add some ROs (as folders) with content into this location
4. Wait for the app to sync

Ready! View your Research Objects

© 2011 Wf4Ever
Icons by dLibra, Tomaj and fantabulous

Works with Dropbox



User creates research object
User adds files and folders to RO

User registers Dropbox account
User views RO status and metadata



Tools consuming/executing/producing files



Browser