Libraries & Frameworks

Libraries, Frameworks and APIs

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Registry

This registry includes known community-developed libraries and frameworks that work with recent releases of the Fedora Commons Repository Software (2.2.x and 3.x).

Know of anything that's not listed? Please add it below! And don't hesitate to add a project that is just getting started; it is good for the community to know what each other is working on.

Title and Link	Summary	Status	Compatibility	Contact
The unique name of the software or project, linked to a URL providing more information.	*One-line description*	*Released or Unreleased; date of last update*	*Fedora 2.2.x or Fedora 3.x*	*Individual and/or Organization*
ActiveFedora	Built on RubyFedora, this ruby gem provides an active record oriented way of working with objects in Fedora	Released 2011-11-28	Fedora 3.x	Matt Zumwalt, Media Shelf
django-fedora	A python Django web UI for Fedora.	Released 2009-12-01	Fedora 3.x	Peter Herndon, Sloan-Kettering Medical Library
DSpace2 Storage-Fedora	A Google Summer of Code 2009 project to persist DSpace 2 entities in Fedora	Unreleased 2010-04-08	Fedora 3.x	Andrius Blažinskas, Kauno Technologijos Universitetas, Lithuania
funAPI	A Java web application that provides an unAPI implementation for the Fedora.	Released 2008-10-26	Fedora 3.x	Edwin Shin, Media Shelf
JCR Connect Adapter	A JCR adapter for Fedora, implemented as a Jackrabbit persistence manager, that translates all node/property storing and loading requests to Fedora API calls.	Unreleased	Fedora 3.x	Jonathan Smith, Northwestern University, Academic and Research Technologies
PyFedora	A Python library for interfacing with Fedora's REST api	Released 2009-11-17	Fedora 3.x	Peter Herndon, Sloan-Kettering Medical Library
python-fedoracommons	Python libraries for interfacing with Fedora's API-A, API-M, and RISearch interfaces.	Released 2008-03-26	Fedora 2.2.x, Fedora 3.x	Ben O'Steen, Oxford
Rubydora	A ruby gem that provides a light-weight wrapper around the Fedora REST API.	Released 2011-11-22	Fedora 3.x	Chris Beer, WGBH
RubyFedora	A ruby gem for creating and managing objects in Fedora.	Released	Fedora 3.x	Matt Zumwalt, Media Shelf
JyFedoREST	JyFedoREST is a Jython package for creating and managing objects in a Fedora Repository via the REST API.	Experimental 2009-12-14	Fedora 3.2+ | Rick Moore, Fedora Commons	
PyFedoREST	PyFedoREST is a pure Python package for creating and managing objects in a Fedora Repository via the REST API	Experimental 2010-02-17	Fedora 3.2+	Rick Moore, Fedora Commons

Inactive or status not known

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ARCHmedia Framework	Provides a high-level interface to manage Fedora repository content and allows you to write standalone web applications based on Fedora.	Released	Fedora 2.2.x	Thierry Michel, Xtensive Technologies

How to Participate

Feel free to add any Mailing lists, blogs, regular calls, IRC channels, etc. used by people working on this type of project.

If you don't know where else to look, check the Create Forum and use the fedora-commons-create google group.

Types of Developers & Skills

What type of developers work on projects like this? What skills do they usually draw on?

Useful Documentation

Where can you find useful documentation for working on this type of project?

Best Practices

Does it irk you when people keep doing things the "wrong" way? Document the best practices here and they'll (hopefully) learn!

Challenge Areas & Hot Topics

What challenges and roadblocks so people hit when working on these types of projects? What topics and ideas do they get really excited about?