

# 2016-04-01 Fedora API Extensions Meeting

Date: Friday April 1 2pm EST (-5 UTC)

- Dial-in Number: (712) 775-7035
  - Participant Code: 479307#
  - International numbers: [Conference Call Information](#)
  - You may also call in using the [VoIP dialer](#) from a web browser, or Android/iOS apps
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## Attendees

[William G. Cowan](#) - Indiana University

[Randall Floyd](#) - Indiana University

[Stefano Cossu](#) - The Art Institute of Chicago

[Ruth Duerr](#) - The Ronin Institute

[Elliot Metsger](#) - Johns Hopkins University

[Joshua Westgard](#) - University of Maryland

## Meeting Goals

- Updates on progress so far

## Agenda

1. LDCX report?
2. API-X patterns document from [Elliot Metsger](#) ([doc](#), [graphics](#), [thread](#))
3. Updated API-X graphics from [Stefano Cossu](#) ([graphic](#), [thread](#))
4. Vagrant + Docker for POCs (see [git repo](#) for [Aaron Birkland](#)'s experiments so far)
  - a. Status and experience so far
  - b. Relationship to testing/development/demo process in general
  - c. Other possible approaches

## Minutes

- LDCX
  - notes/slides attached
  - May be software out there that we can use in core
  - Most interest seemed to be in functionality around content models
    - Better Fedora 3 disseminators
- API-X patterns doc
  - Opinionated in how it mentions patterns and documents
  - Three patterns: Filter, Direct invocation, Listener
  - Categorizes the use cases into the patterns
  - Stefano & Ruth still reviewing it
  - Aaron wants to make POCs, complementary to document
- Diagram
  - Used for LDCX, Made some concepts clear
- Vagrant + Docker POC
  - Attempt to run a demonstration environment
  - Demo/development may not use same infra
  - Is anybody using this sort of environment in production?
    - NSIDC: everything done using these technologies
    - Red/green testing, then do a swap into production
    - Looking at API-X through the lens of that process
  - Ruth: like to be able to test things as they come out, without being a developer
  - Stefano: we should provide basic services out of the box
    - most will be for community
    - Language agnostic web API
- Technologies for core
  - Java + camel? Python? Go? Erlang? Node?
  - Elliot: From a practical standpoint, Java, lots of experience
  - Another thing to consider - API, specification

- Not particularly practical at this stage
  - Create a doc for implementation
  - Core: everything that is essential for API-X
    - should be an event framework
    - Elliot: go down POC road, use that to demonstrate core
- More people comment on Elliot's patterns doc!