DFC Fast Forward Interfaces

Productivity and Ease of Use
Mike Conway (DICE)
michael_conway@unc.edu

API

Interfaces for developers - increasing usage by easy integration and development

- 'Service' level API

- Principle of least surprise

- Performance and reliability

   - Testing!

   - Move to an end-to-end approach with EIRODS

   - M

Language

Language availablility

- Java -> Clojure, Scala, Ruby on Rails, Groovy/Grails, Jython, PHP

- PHP

- Python

EIRODS long term plans

- Protobuf and capability migration/common services

REST

- Least Common Denominator = REST API

- Develop in concert with IRODS Consortium

- End to end perspective with EIRODS

Messaging

Proposed bi-directional messaging capability, discussed in indexing talk

Interfaces

- Classes
  - Common grid browser
  - Researcher/Data curator
  - Administrative
- Use case and mock first development
- Profession graphic design inputs

Interfaces

Mobile first

Twitter Bootstrap, JQuery