PoC Implementation of Mile-Rolie-00

November 2015, IETF94
mile

Kaoru Maeda
maeda@lepidum.co.jp
Mile-Rolie

• draft-ietf-mile-rolie-00.txt
• RESTful API to exchange IODEF and RID
• Atom+XML feed
• QuickSearch
• Service Discovery
PoC Implementation Overview

- Ruby on Rails
- Support CRUD, Search of IODEF documents
- 1 Workspace/2 Collections/Entry
- Atom+XML feed
- QuickSearch
- Compose Entry ID
  - name + IncidentID
Things omitted in this PoC

- Rolie Client
- TLS
- User Authentication/Authorization
- RID report
- Multiple workspaces
- Error checking
Demo

• Service Discovery
• GET Atom feed
• GET Entry
• POST Entry Creation
• GET feed
• SEARCH
Lessons Learned

• <id> generation
  • <IncidentID name="url-to-this-server">number</IncidentID>

• Render entry summary on the feed
  • Extract <title> elements and <link> elements

• Render entry resource
  • Generate "self" and "alternate" link types

• Need more datasets to test
  • Anonymized examples?
Conclusion

• Rolie server quick PoC done
• Entry CRUD, Atom feed, SEARCH
• Some amendments needed to generate summaries