Apache Jackrabbit

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What is Apache Jackrabbit?

• Open source content repository for Java
  – Hierarchical content storage
  – Full text search, versioning, transactions, etc.
• JSR 170 reference implementation
• Initially developed by Day Software
  – Contributed to the ASF in 2004
• Graduated from the Incubator in March
Jackrabbit Timeline

2002: JSR 170 started
2003: Jackrabbit in Incubator
2004: JSR 170 final
2005: Jackrabbit graduates
2006: 0.9
2007: 1.0
2006: Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec
2006: 1.0.1
2006: 1.1
Why should I care?

• "JDBC for hierarchical content!"
  – Alternative to object-relational mappings
• Target applications
  – Content management
  – Document management
  – Records management
• Intuitive support for XML and WebDAV
Jackrabbit Features
Jackrabbit Features
Jackrabbit Features

Versioning
- Workspaces, Merge, Update, Label, ...

JTA Support
- (XA) Transactions

Observation
- Monitor changes in the Repository

Query (SQL)
- Search the Content Repository using SQL

Locking
- Session based and persistent

Adv
Jackrabbit Components

- Jackrabbit content repository
- RMI support for JCR
- WebDAV support for JCR
- Jackrabbit JCA connector
- Full text indexing (Excel, Word, PDF, etc.)
- and more (17 contrib components)
Jackrabbit Community

Developers

Subscribers: 346
Mean posts per day: 13

Users

Subscribers: 211
Mean posts per day: 5
Check it out!

http://jackrabbit.apache.org/