APACHE OLINGO
from Incubation to a real Olingo
AGENDA
AGENDA

Why?

What?
AGENDA
AGENDA

Why Apache?

What?

Why?

Incubation

Promotion

Lessons learned

http://olingo.apache.org
WHAT?

HISTORY OF ODATA

ADO.NET Data Services
(Microsoft)

WCF Data Services
(Microsoft)

OData 2.0
(Microsoft Open Specification Promise)

OData 3.0
(public)

OData 4.0
(OASIS TC)

Project Astoria
(Microsoft internal)

https://www.oasis-open.org/committees/tc_home.php?wg_abbrev=odata
WHAT?

APACHE OLINGO

http://olingo.apache.org
WHAT?

APACHE OLINGO

Started as OData Java library
for OData 2.0 Client und Server

http://olingo.apache.org
Contributed to Apache Software Foundation as Incubation project (August 2013) and promoted to Apache Top Level Project (March 2014).
WHAT?
APACHE OLINGO

Contributions from
Microsoft in form of
data.js (JavaScript)
and OData 3.0 Java Client
Library

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as Incubation project (August 2013)
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Started as OData Java library
for OData 2.0 Client und Server

http://olingo.apache.org
WHAT?

APACHE OLINGO

Contributed to Apache Software Foundation as Incubation project (August 2013) and promoted to Apache Top Level Project (March 2014)

Currently in development: OData 4.0 Java Server library (SAP)
Java Client library (Microsoft)
JavaScript Client library (Microsoft + SAP)

Contributions from Microsoft in form of data.js (JavaScript) and OData 3.0 Java Client Library

Started as OData Java library for OData 2.0 Client und Server

http://olingo.apache.org
In a Nutshell, Apache Olingo - OData...

... has had 2,386 commits made by 28 contributors representing 965,578 lines of code

... is mostly written in Java with an average number of source code comments

... has a young, but established codebase maintained by a large development team with stable Y-O-Y commits

... took an estimated 264 years of effort (COCOMO model) starting with its first commit in July, 2013 ending with its most recent commit 3 months ago

What?

Activity

30 Day Summary  
Dec 10 2014 — Jan 9 2015
52 Commits
8 Contributors

12 Month Summary  
Jan 9 2014 — Jan 9 2015
1651 Commits
Up +916 (124%) from previous 12 months

25 Contributors
Up +11 (78%) from previous 12 months

Commits per Month

http://www.ohloh.net/p/apache-olingo or https://www.openhub.net/
WHY?
• Started to look for an OData Java Library and found “odata4j” @GoogleCode
• Started to look for an OData Java Library and found “odata4j” @GoogleCode

• However, team decided to start new library because of...
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  • …different opinions on “How to go forward”
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• However, team decided to start new library because of…
  • …different requirements for own library
  • …different opinions on “How to go forward”
  • …small (developer) community
WHY APACHE?
WHY APACHE?

The Apache Way

Apache Software Foundation
WHY APACHE?

The Apache Way

Apache Software Foundation

YEAH, SURE YOU'RE RIGHT: IN INTERNET THERE'S SOME KIND OF SYSTEM THAT GIVES POWER TO THOSE THAT SOMEHOW THE COMMUNITY AGREED SHOULD HOLD IT...

THAT'S WHY THEY CALL IT MERITOCRACY. BUT EHM... IT DOESN'T REALLY HAVE ANYTHING TO DO WITH THIS THING YOU'VE BEEN PLAYING HERE SINCE LAST NIGH...

ON YOUR KNEES, DAMMIT!

OK, OK, JUST DON'T HIT ME AGAIN...

Meritocracy

TIRA ECOL (CC some rights reserved) - Javier Malonda


WHY APACHE?

The Apache Way

Meritocracy

Community
WHY APACHE?

The Apache Way

Community

Openness

Meritocracy

YEAH, SURE YOU'RE RIGHT: IN INTERNET THERE'S SOME KIND OF SYSTEM THAT GIVES POWER TO THOSE THAT SOMEHOW THE COMMUNITY AGREED SHOULD HOLD IT...

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TIRA ECOL (CC some rights reserved) - Javier Malonda


WHY APACHE?

The Apache Way

Community

Openness

Meritocracy

Pragmatism, Charity

Additional Concepts:

Pragmatism, Charity
OUR APACHE WAY
INCUBATION
OUR APACHE WAY
INCUBATION

Fulfil The Apache Way
Fulfil The Apache Way

Another (developer) mindset for team
OUR APACHE WAY
INCUBATION

Fulfil The Apache Way

Another (developer) mindset for team

First release
OUR APACHE WAY
PROMOTION
OUR APACHE WAY
PROMOTION

Fulfil The Apache TLP requirements
OUR APACHE WAY
PROMOTION

Fulfil The Apache TLP requirements

First TLP release
OUR APACHE WAY
LESSONS LEARNED

Today's Lesson:

SPELLING

Lessons Learned
OUR APACHE WAY
LESSONS LEARNED

Community
OUR APACHE WAY
LESSONS LEARNED

Development Process
OUR APACHE WAY

Outlook

More Community
More documentation
Download OData 4.0 Java Library

Apache Olingo OData4 is a collection of Java libraries for implementing OData V4 protocol clients or servers.

Release 4.0.0-beta-02 (2015-01-20)

Full download page, release notes

The Apache Olingo OData4 4.0.0-beta-02 release is the second beta release for implementation of OData V4 specifications.

Commodity Packages

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<tr>
<th>Package</th>
<th>zip</th>
<th>Description</th>
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<tr>
<td>Olingo OData Sources</td>
<td>Download (md5, sha512, pgg)</td>
<td>Complete source code.</td>
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<tr>
<td>Olingo OData Docs</td>
<td>Download (md5, sha512, pgg)</td>
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<tr>
<td>Olingo OData Server for Java</td>
<td>Download (md5, sha512, pgg)</td>
<td>All you need to implement an OData V4 Java server.</td>
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<td>Download (md5, sha512, pgg)</td>
<td>All you need to implement an OData V4 Android client.</td>
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First stable release of Olingo V4
CONTACT AND LINKS

http://odata.org
http://olingoo.apache.org
https://www.oasis-open.org/committees/odata/

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