



# APACHE OLINGO

from Incubation to a real Olingo

# AGENDA



# AGENDA



# AGENDA





# AGENDA



<http://olingo.apache.org>

Incubation

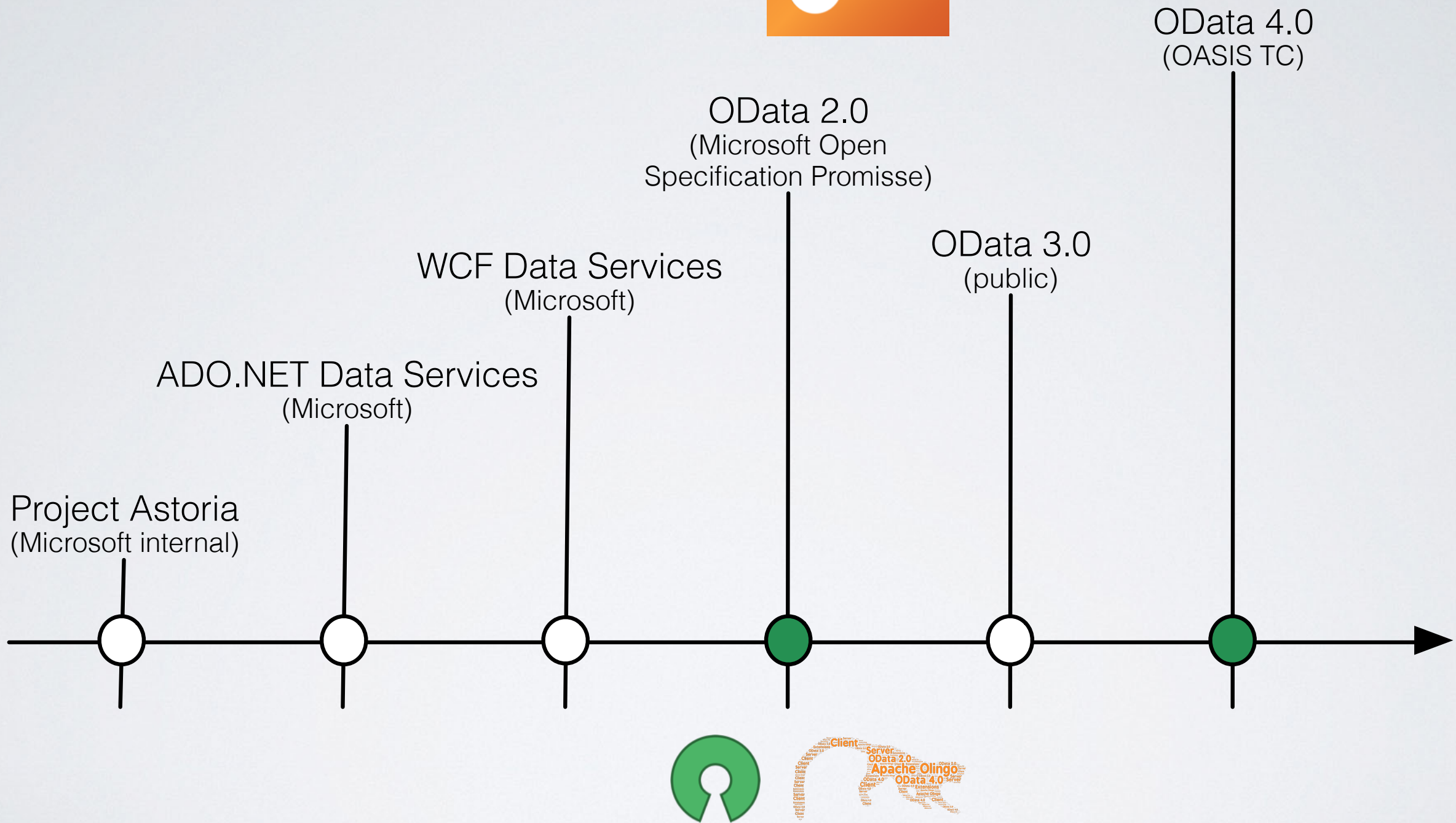
Promotion

Lessons learned



# WHAT?

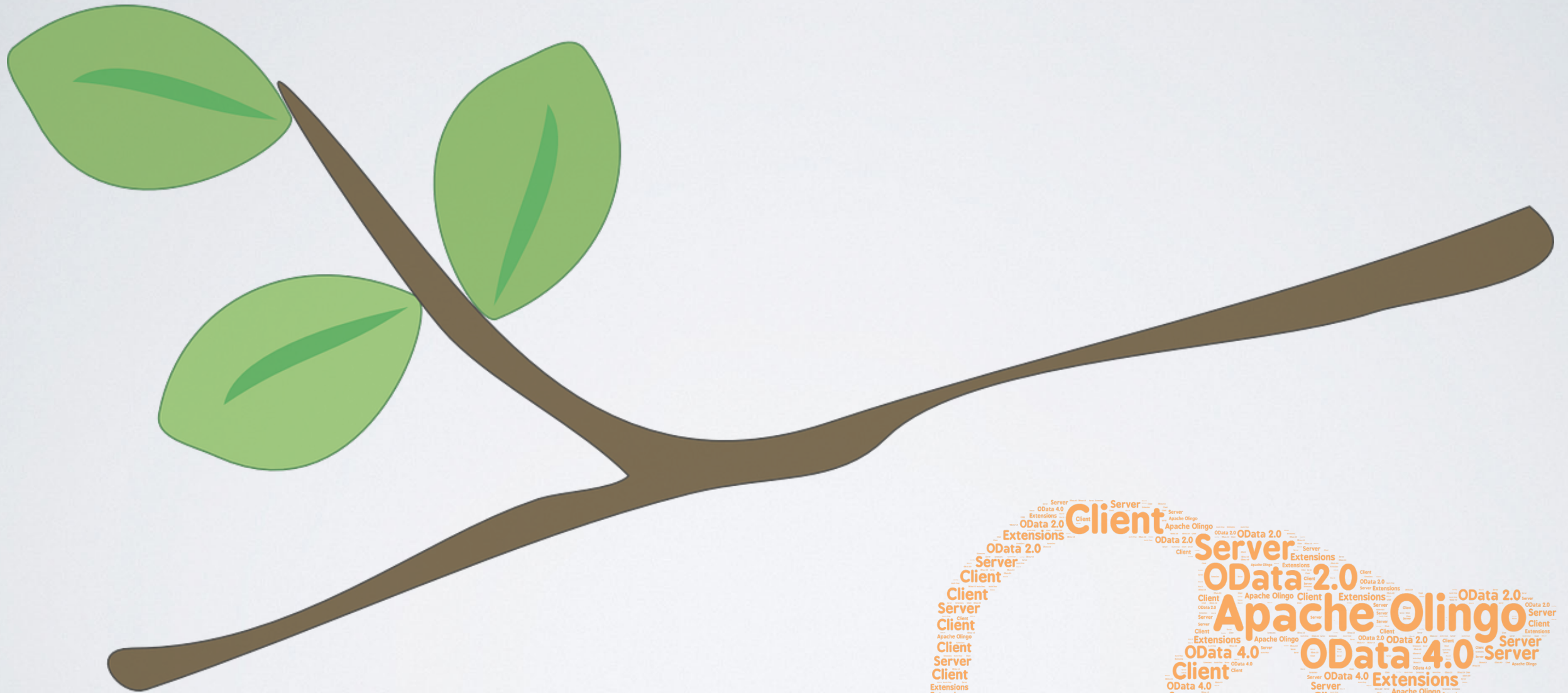
## HISTORY OF ODATA



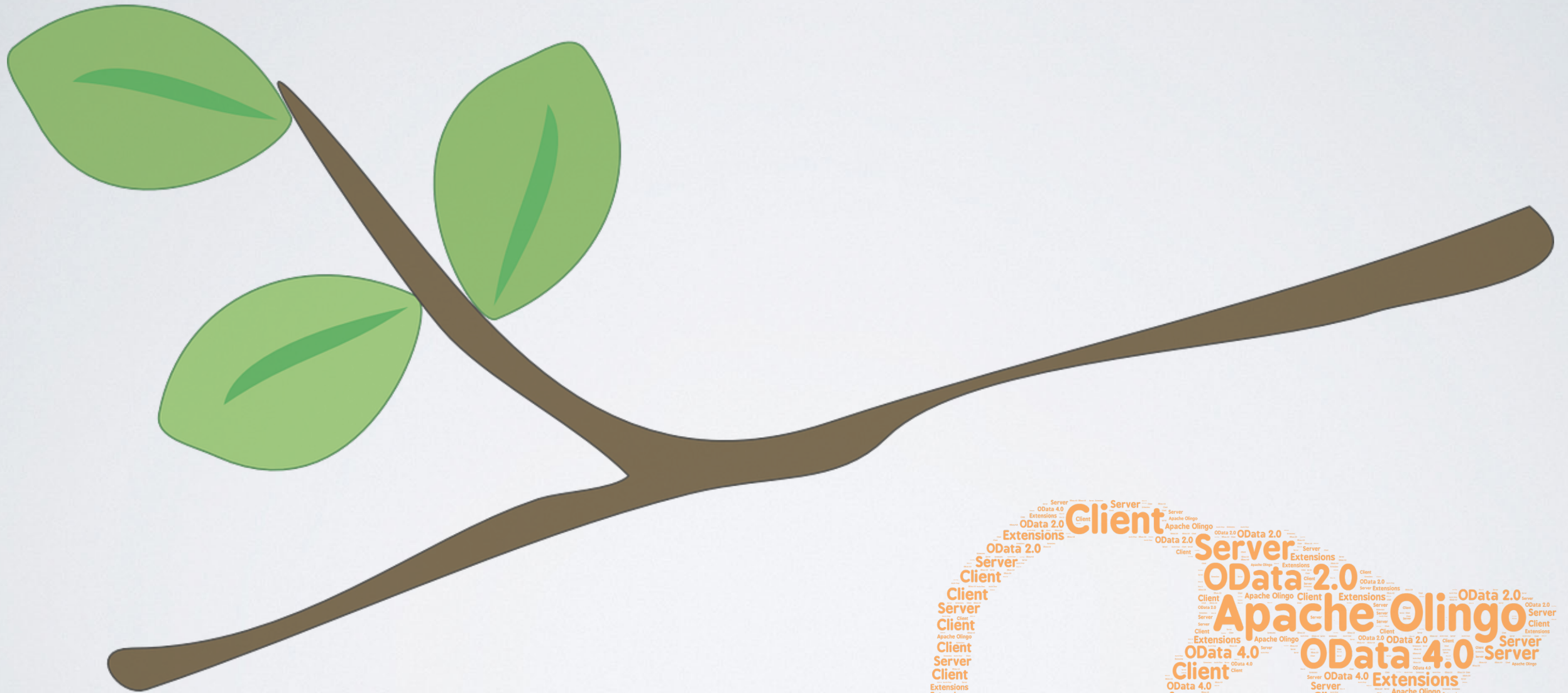


# WHAT?

## APACHE OLINGO



# WHAT? APACHE OLINGO



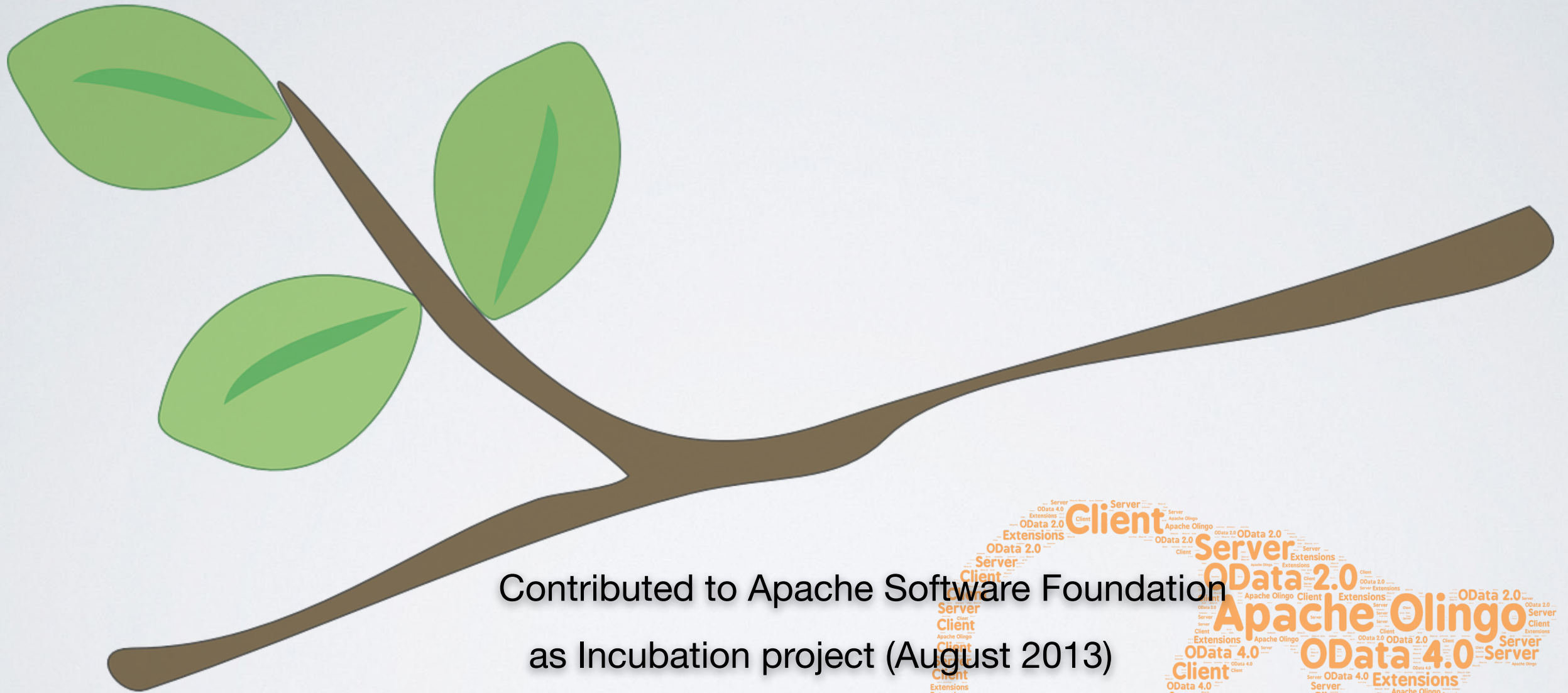
Started as OData Java library  
for OData 2.0 Client und Server

<http://olingo.apache.org>



# WHAT?

## APACHE OLINGO



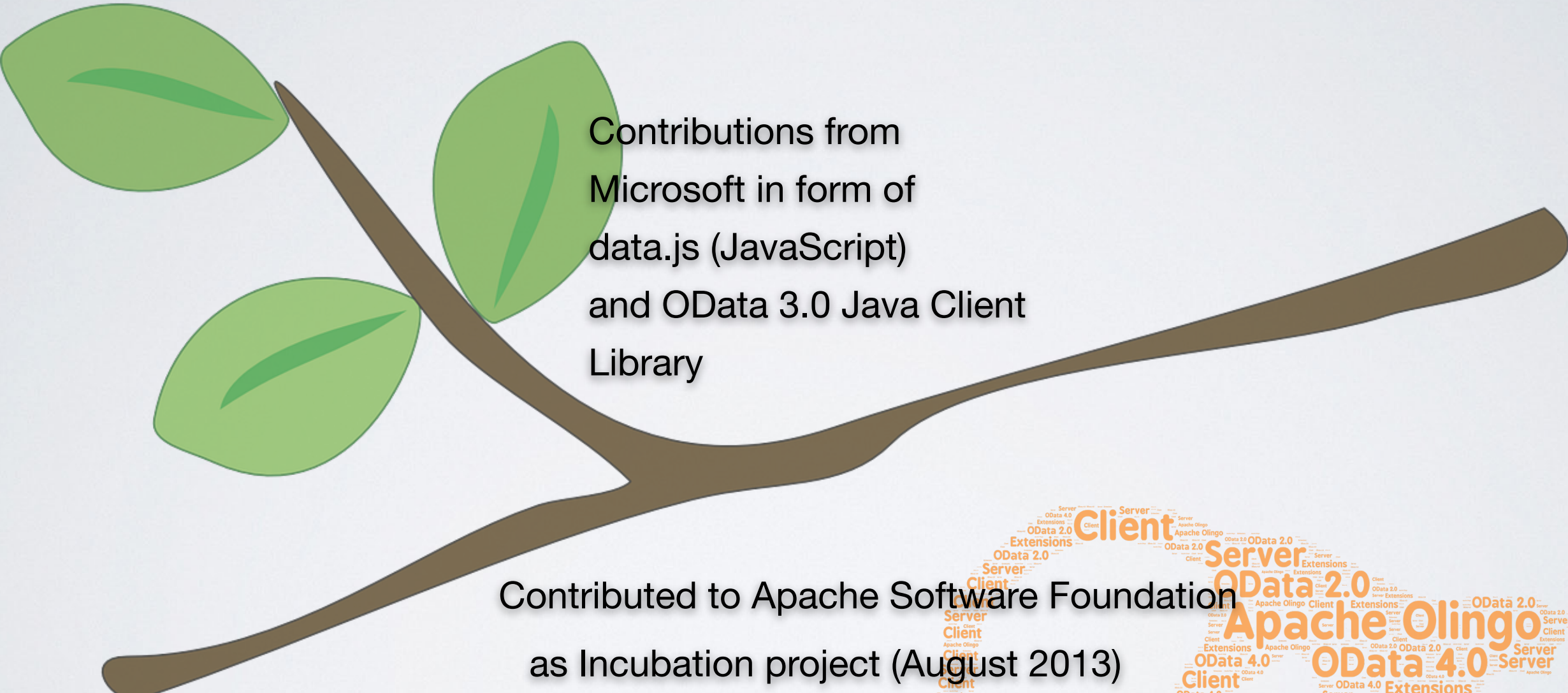
Contributed to Apache Software Foundation  
as Incubation project (August 2013)  
and promoted to Apache Top Level Project (March 2014)

Started as OData Java library  
for OData 2.0 Client und Server

<http://olingo.apache.org>

# WHAT?

## APACHE OLINGO



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

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# WHAT?

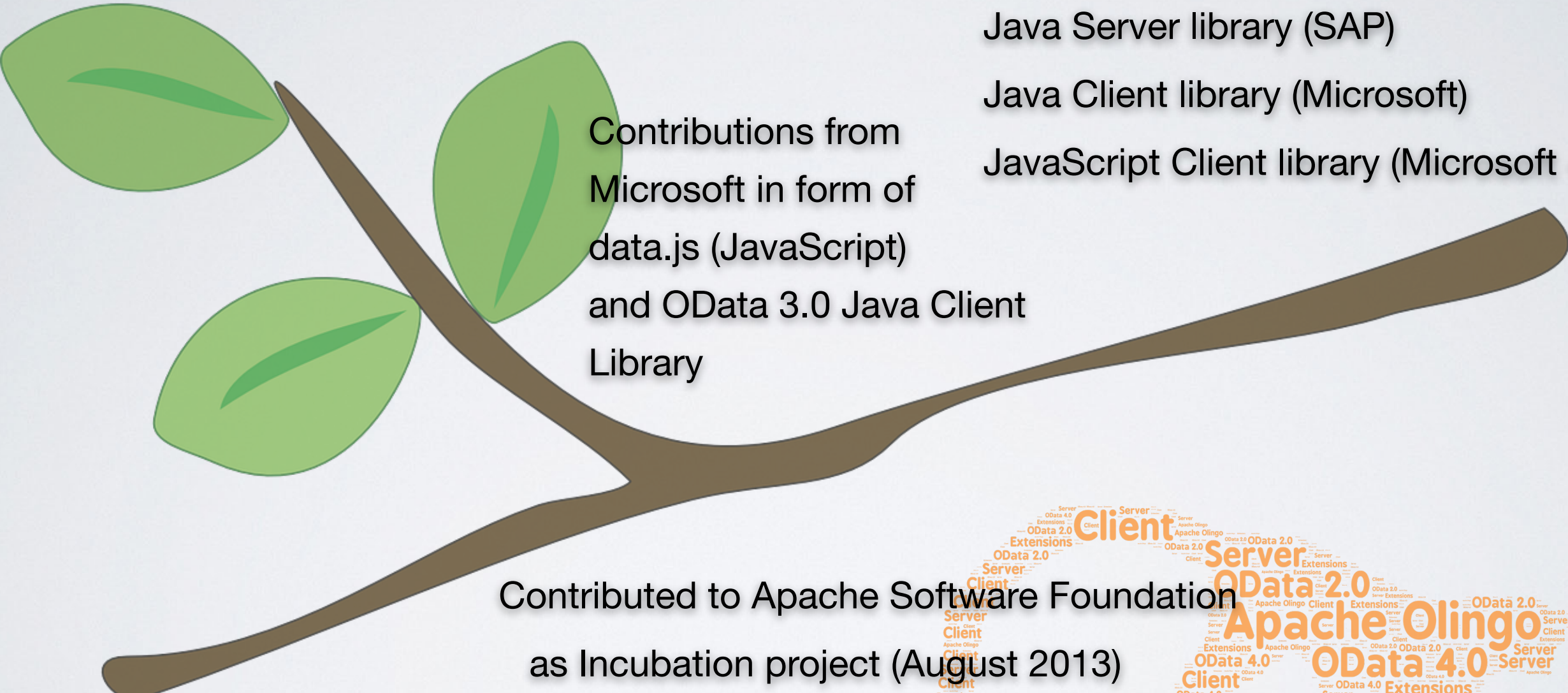
## APACHE OLINGO

Currently in development: OData 4.0

Java Server library (SAP)

Java Client library (Microsoft)

JavaScript Client library (Microsoft + SAP)



Contributions from  
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data.js (JavaScript)  
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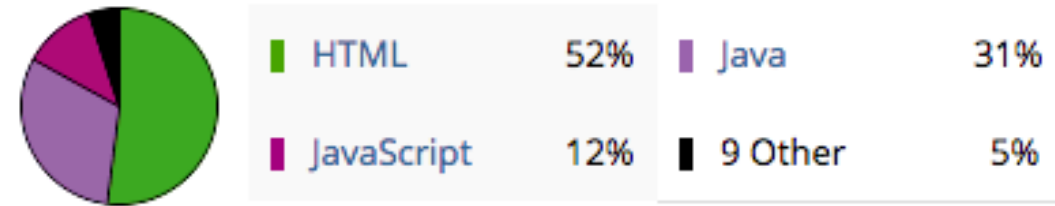
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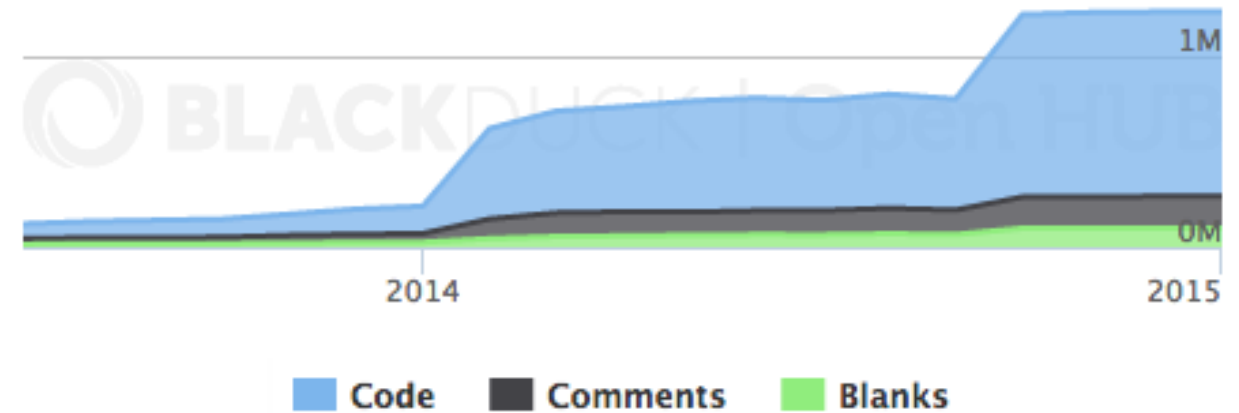
## In a Nutshell, Apache Olingo - OData...

- ... 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

## Languages



## Lines of Code



# What?

## Activity

### 30 Day Summary

Dec 10 2014 — Jan 9 2015

52 Commits  
8 Contributors

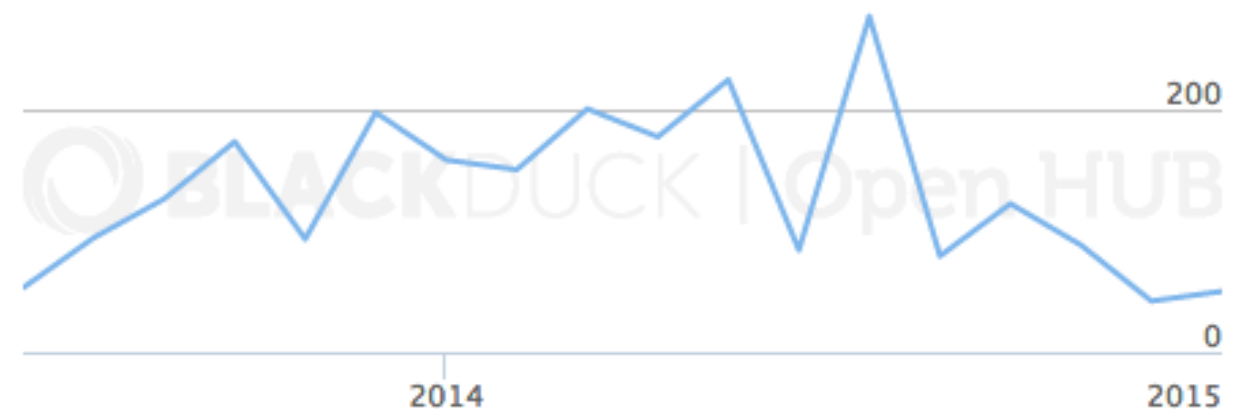
### 12 Month Summary

Jan 9 2014 — Jan 9 2015

1651 Commits  
Up +916 (124%) from previous 12 months

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

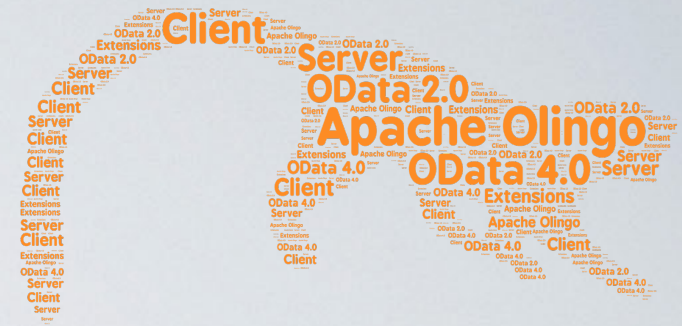
## Commits per Month







# WHY?



- Started to look for an OData Java Library and found “odata4j” @GoogleCode



# WHY?



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- However, team decided to start new library because of...

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- ...different requirements for own library



# WHY?



- Started to look for an OData Java Library and found “odata4j” @GoogleCode
- However, team decided to start new library because of...
  - ...different requirements for own library
  - ...different opinions on “How to go forward”

# WHY?



- Started to look for an OData Java Library and found “odata4j” @GoogleCode
- 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?





# WHY APACHE?



## The Apache Way

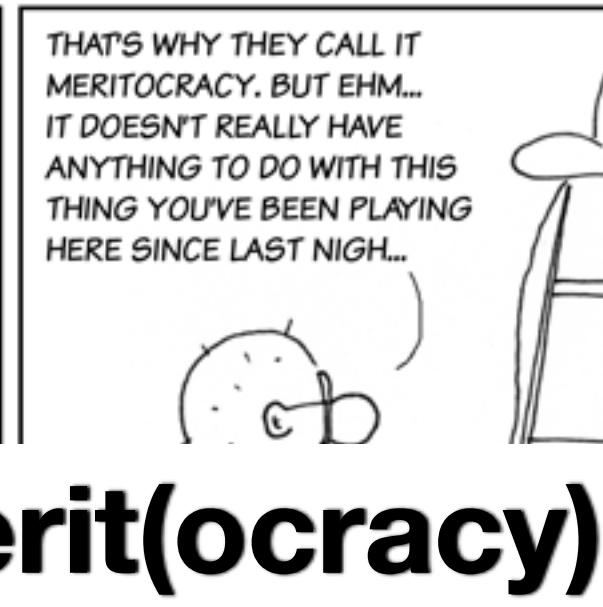


# Apache

SOFTWARE FOUNDATION



TIRA ECOL (CC some rights reserved) - Javier Malonda



[Version Español] <http://tira.escomposlinux.org>

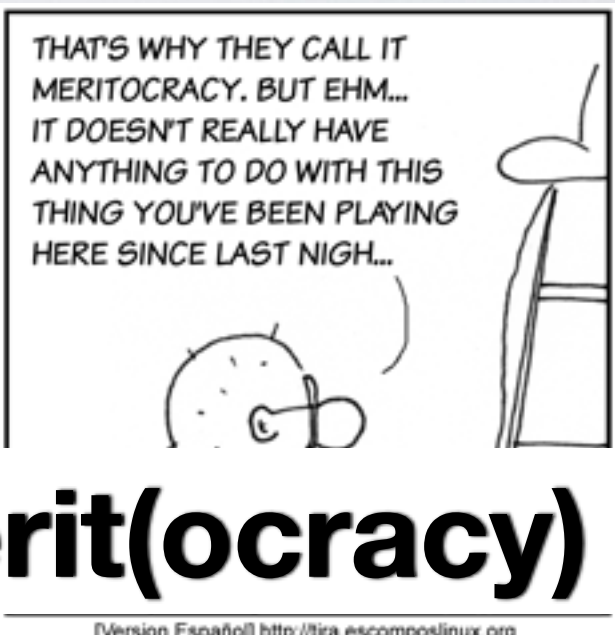
## Merit(ocracy)



[English Version] <http://comic.escomposlinux.org>



# WHY APACHE?



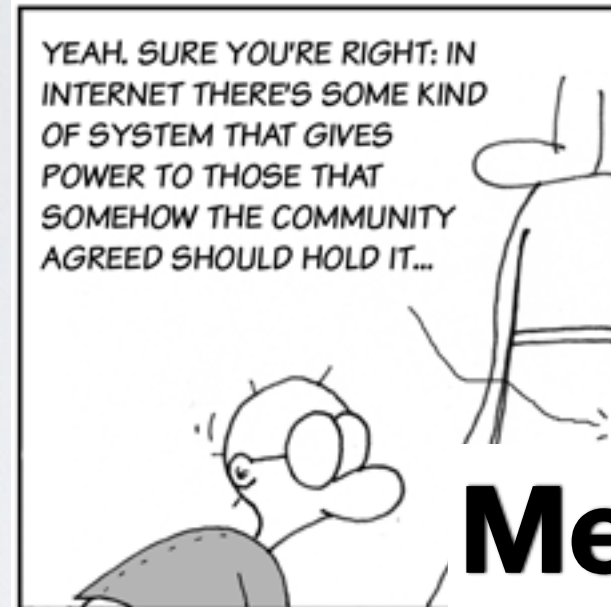
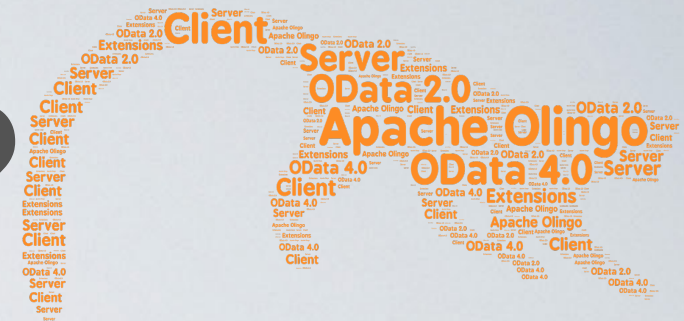
## Merit(ocracy)



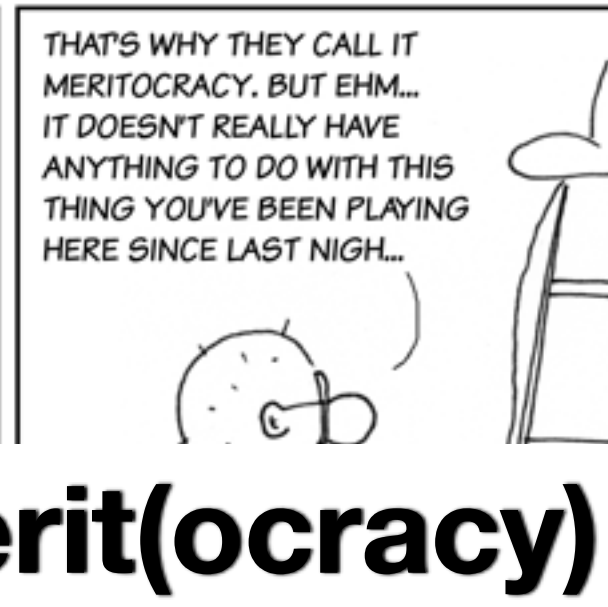
## Community



# WHY APACHE?



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[Version Español] <http://tira.escomposlinux.org>



[English Version] <http://comic.escomposlinux.org>

## Merit(ocracy)



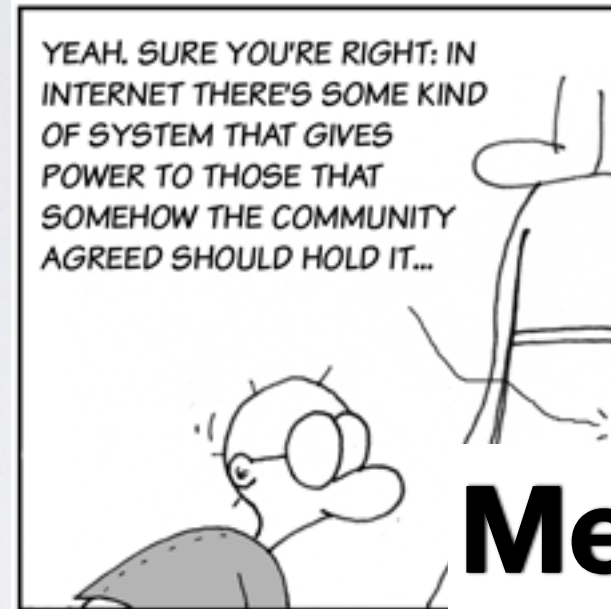
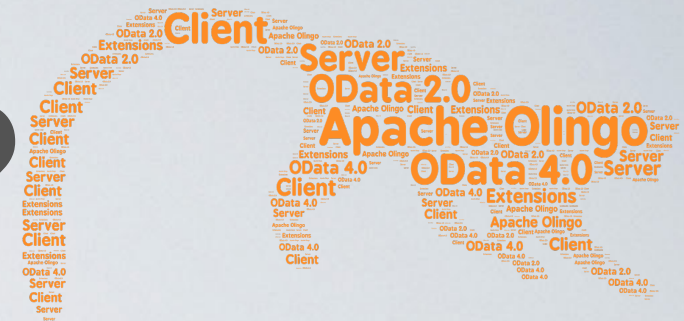
## Community



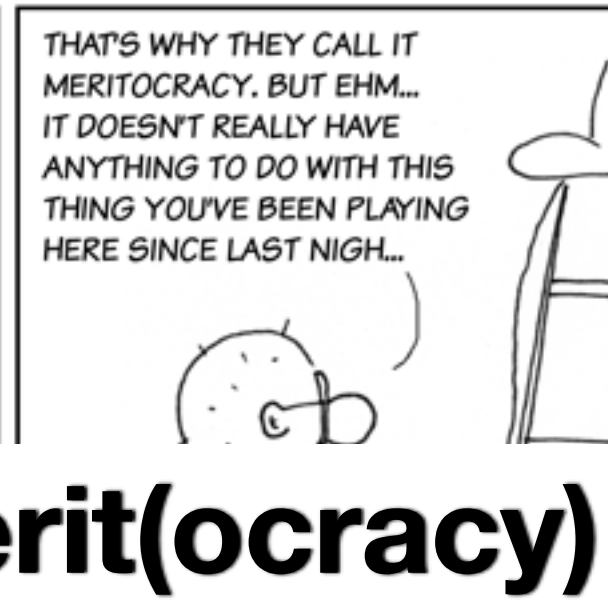
## Openness



# WHY APACHE?



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[English Version] <http://comic.escomposlinux.org>

## Merit(ocracy)



## Community



## Openness

Additional Concepts: **Pragmatism, Charity**



# OUR APACHE WAY

## INCUBATION



# OUR APACHE WAY

## INCUBATION



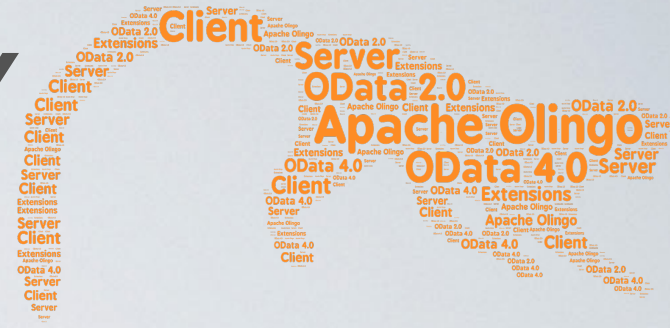
# Fulfil The Apache Way





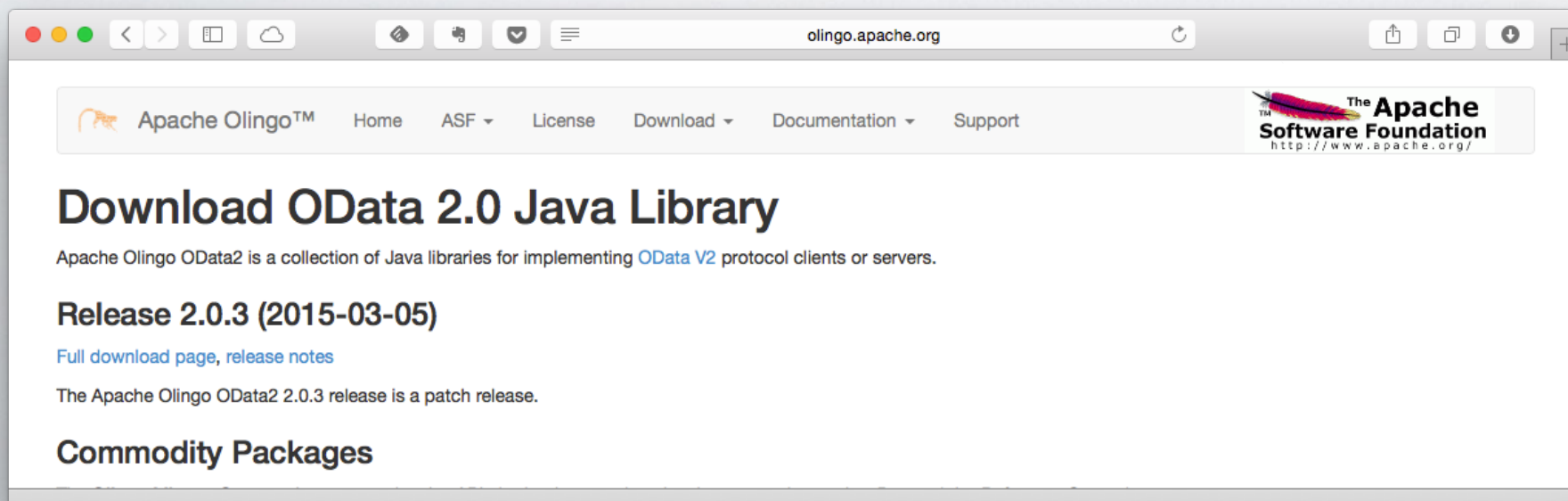


# OUR APACHE WAY INCUBATION



## Fulfil The Apache Way

### Another (developer) mindset for team



## First release



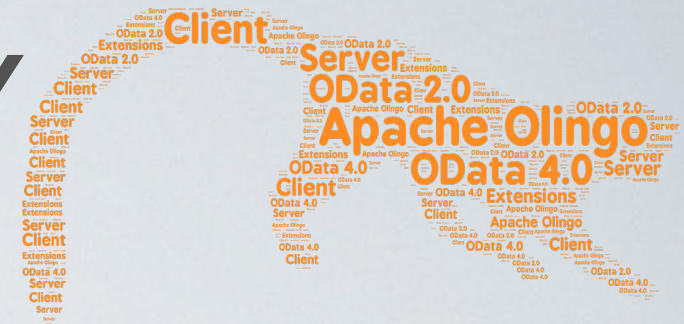
# OUR APACHE WAY

## PROMOTION

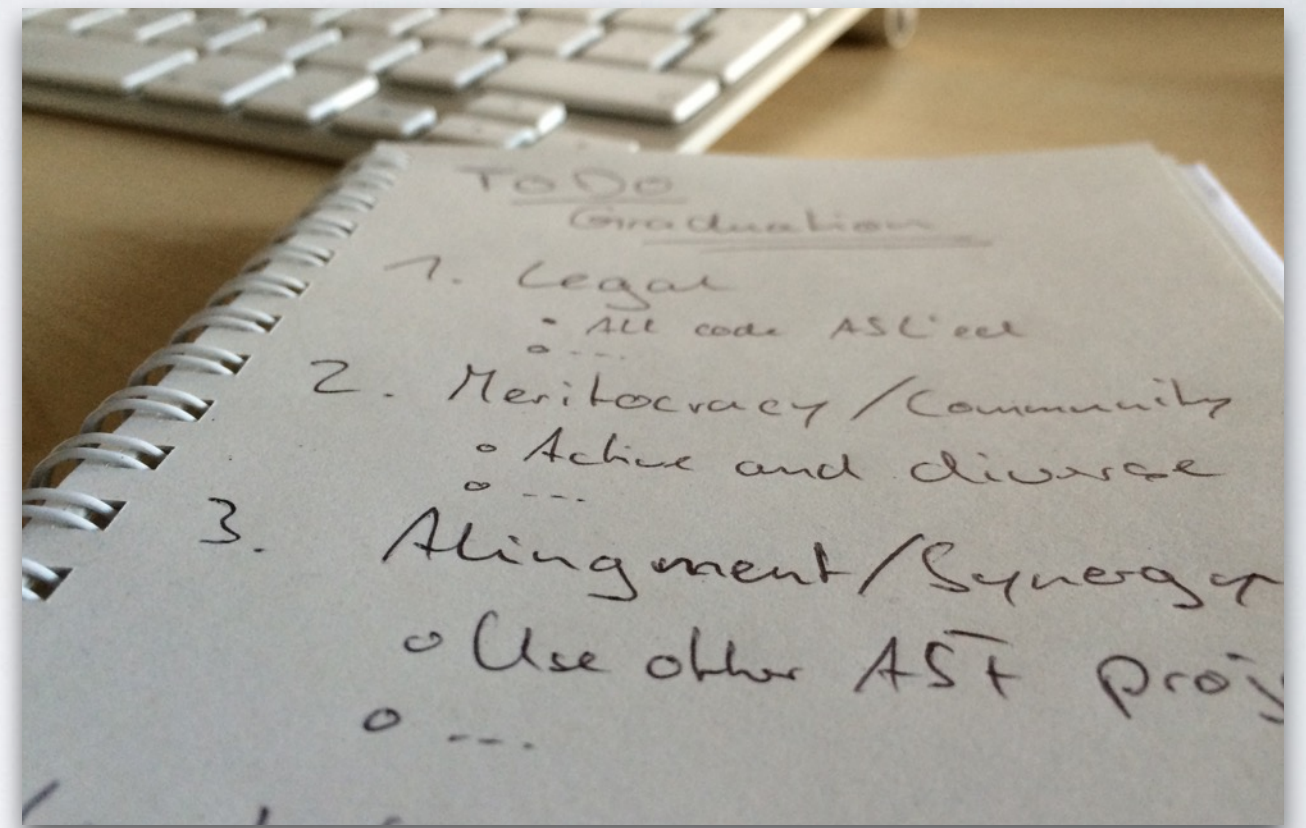


# OUR APACHE WAY

## PROMOTION



# Fulfil The Apache TLP requirements





# OUR APACHE WAY PROMOTION



## Fulfil The Apache TLP requirements

markmail.org

MarkLogic Search for: Search

Home Want your own MarkMail? Tell us about it. Sign In or Sign Up (Why?)

[ANNOUNCE] Apache Olingo 2.0.0 has been released 3 messages in org.apache.olingo.dev

From	Sent On	Attachments
Bolz, Michael	Jul 11, 2014 6:03 am	
Klevenz, Stephan	Jul 11, 2014 6:06 am	
Michael	Jul 11, 2014 6:09 am	

Subject: [ANNOUNCE] Apache Olingo 2.0.0 has been released  
From: Bolz, Michael (mich...@sap.com)  
Date: Jul 11, 2014 6:03:53 am  
List: org.apache.olingo.dev

Hello,

Apache Olingo 2.0.0 has been released.

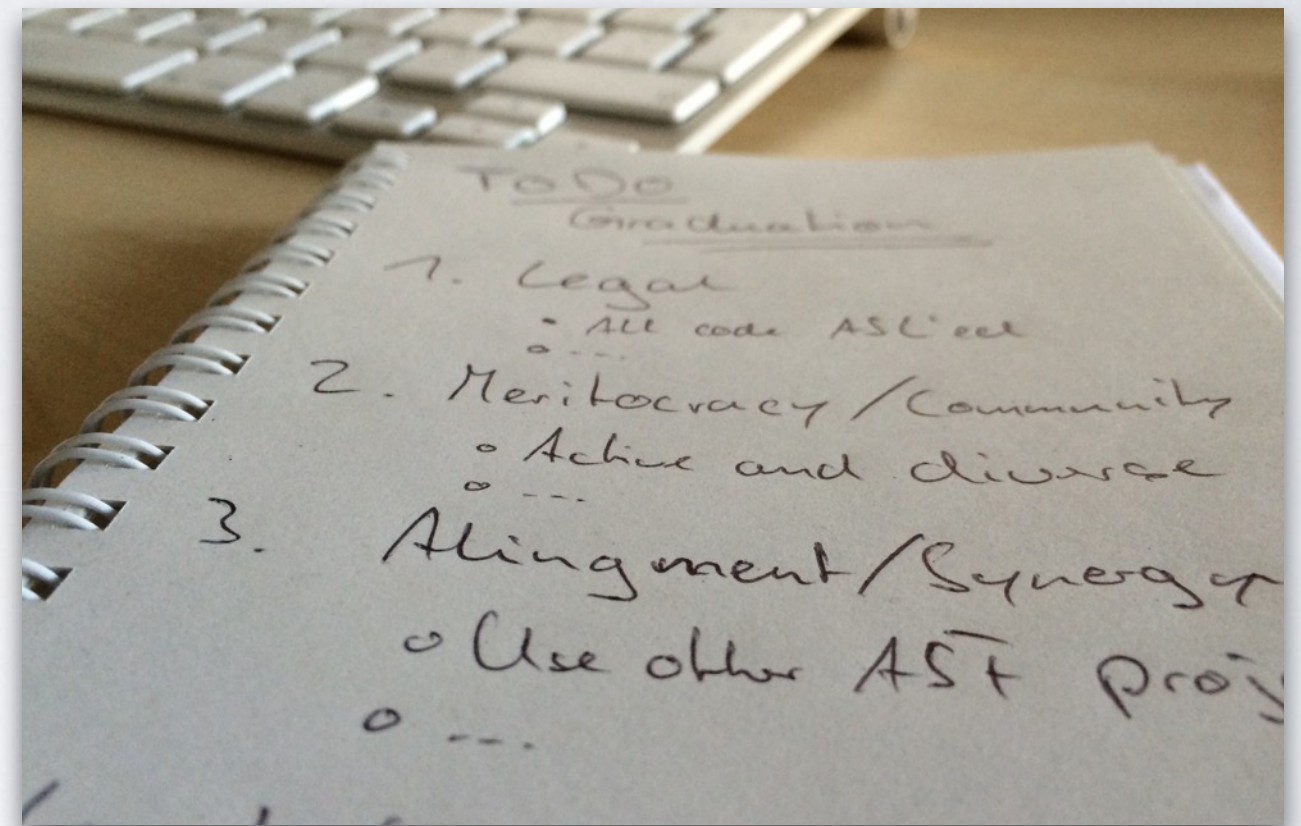
This release of Apache Olingo includes a lot of Bugfixes and Improvements for client and server use cases. Furthermore with version 2.0.0 we are happy to announce that all important OData V2 features are supported.

This release is available for download:  
<http://olingo.apache.org/download.html>

Apache Olingo is a Java library which enables developers to implement OData producers and OData consumers.

The Open Data Protocol (OData, <http://odata.org>) is a Web protocol for

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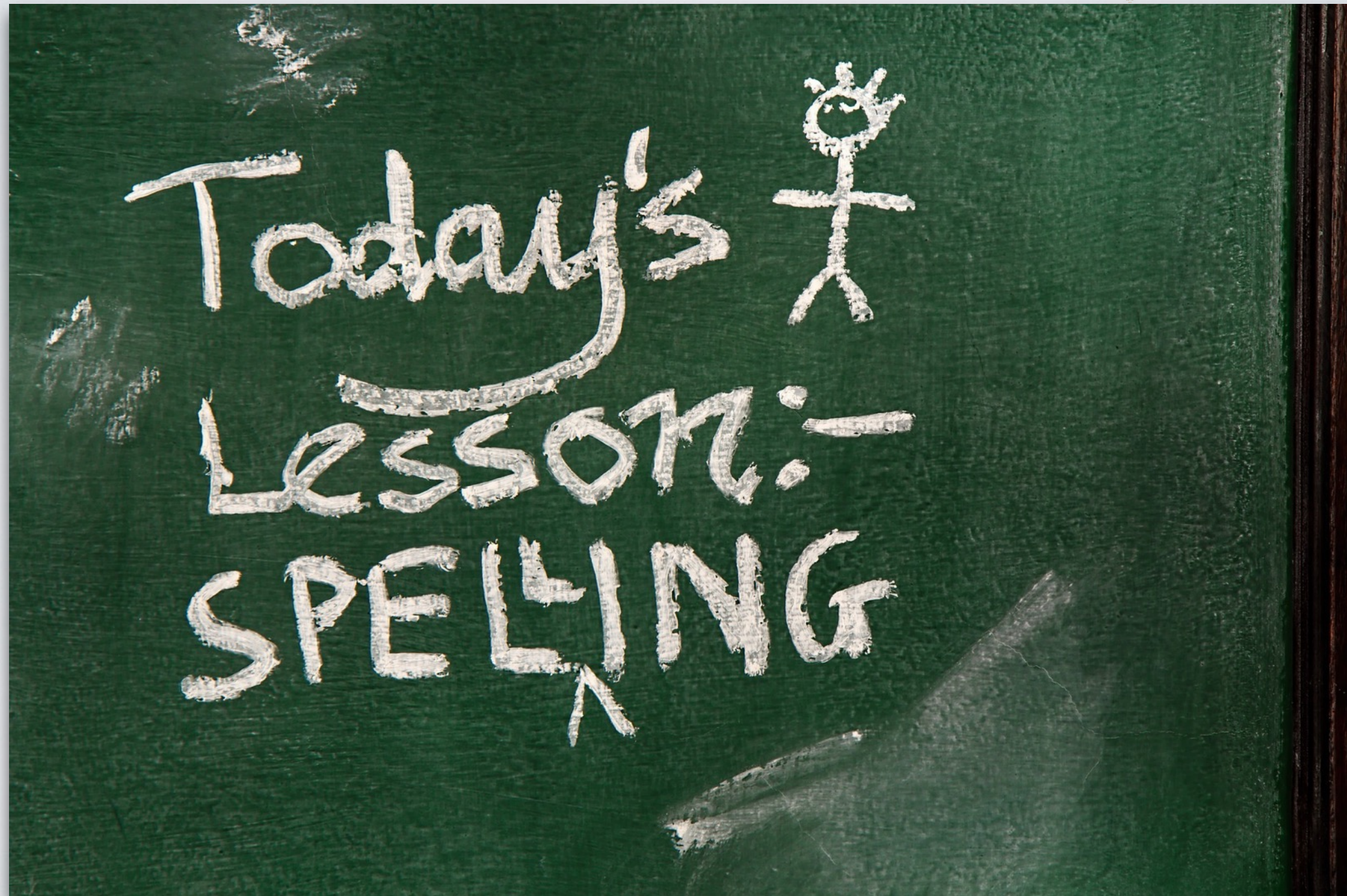


## First TLP release



# OUR APACHE WAY

## LESSONS LEARNED

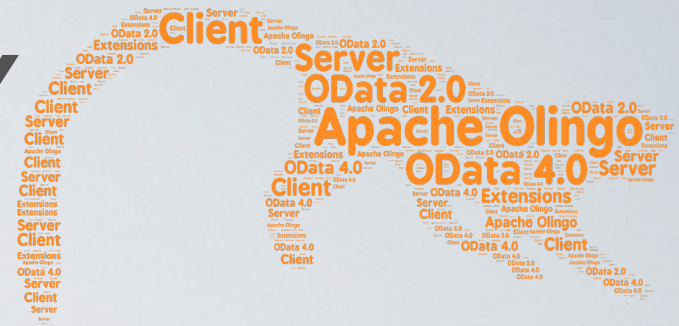


# Lessons Learned



# OUR APACHE WAY

## LESSONS LEARNED



# Community



# OUR APACHE WAY

## LESSONS LEARNED



# Development Process



# OUR APACHE WAY

## LESSONS LEARNED



# Documentation and Tutorials



# OUR APACHE WAY OUTLOOK



# Outlook 2015



# OUR APACHE WAY OUTLOOK



## More Community



# OUR APACHE WAY OUTLOOK



**More documentation**



# OUR APACHE WAY OUTLOOK



Apache Olingo Library

Apache Olingo™ Home ASF License Download Documentation Support

The Apache Software Foundation  
<http://www.apache.org/>

## Download OData 4.0 Java Library

Apache Olingo OData4 is a collection of Java libraries for implementing [OData V4](#) protocol clients or servers.

*stable August 15*  
~~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

Package	zip	Description
Olingo OData Sources	<a href="#">Download (md5, sha512, pgp)</a>	Complete source code.
Olingo OData Docs	<a href="#">Download (md5, sha512, pgp)</a>	Documentation and JavaDoc.
Olingo OData Server for Java	<a href="#">Download (md5, sha512, pgp)</a>	All you need to implement an OData V4 Java server.
Olingo OData Client for Java	<a href="#">Download (md5, sha512, pgp)</a>	All you need to implement an OData V4 Java client.
Olingo OData Client for Android	<a href="#">Download (md5, sha512, pgp)</a>	All you need to implement an OData V4 Android client.

# First stable release of Olingo V4



# CONTACT AND LINKS



<http://odata.org>

<http://olingo.apache.org>

[https://www.oasis-open.org/  
committees/odata/](https://www.oasis-open.org/committees/odata/)

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@OneMibo