

Interoperability Update

Interoperability Special Interest Working Group
IGELU 2016

Josh Weisman | Development Director

Agenda

- **Developer Network**
- **Alma**
- **Primo**
- **Rosetta**
- **Let's hear from you...**





Developer Network

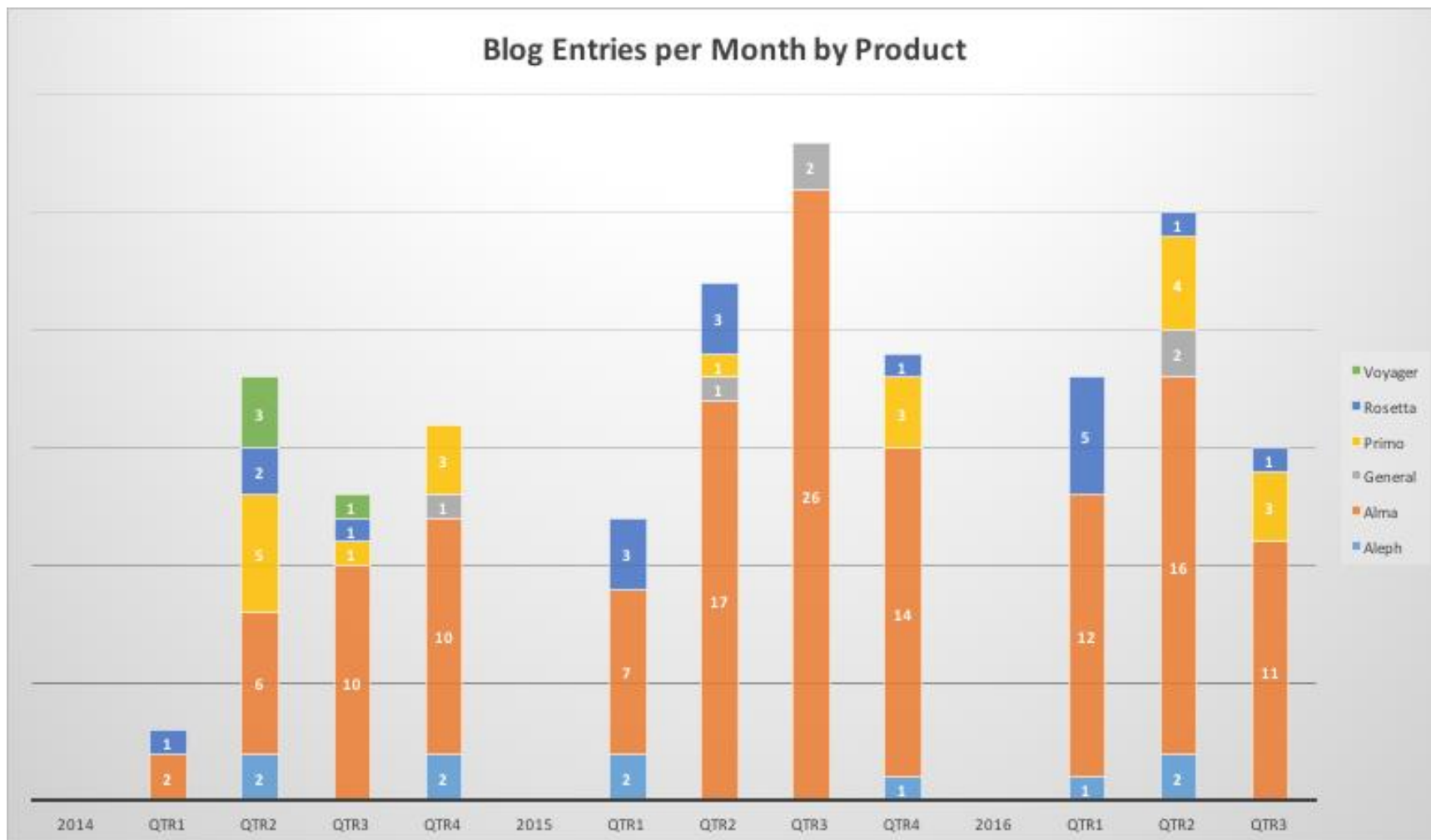
In the past month....

- 10,000 + sessions
- 5,000 + unique visitors
- 50,000 + page views

.... And growing

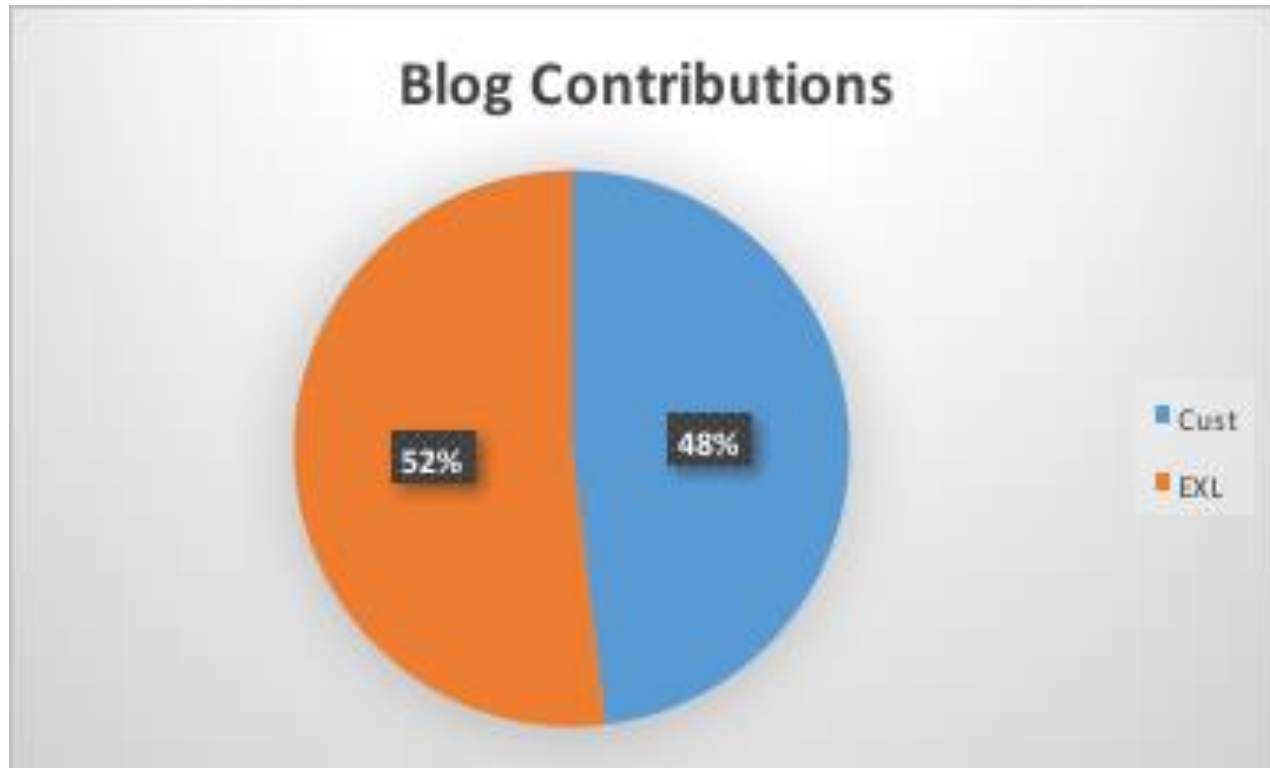
Developer Community

- Active blog & forum- 189 articles (6-8 per month!)

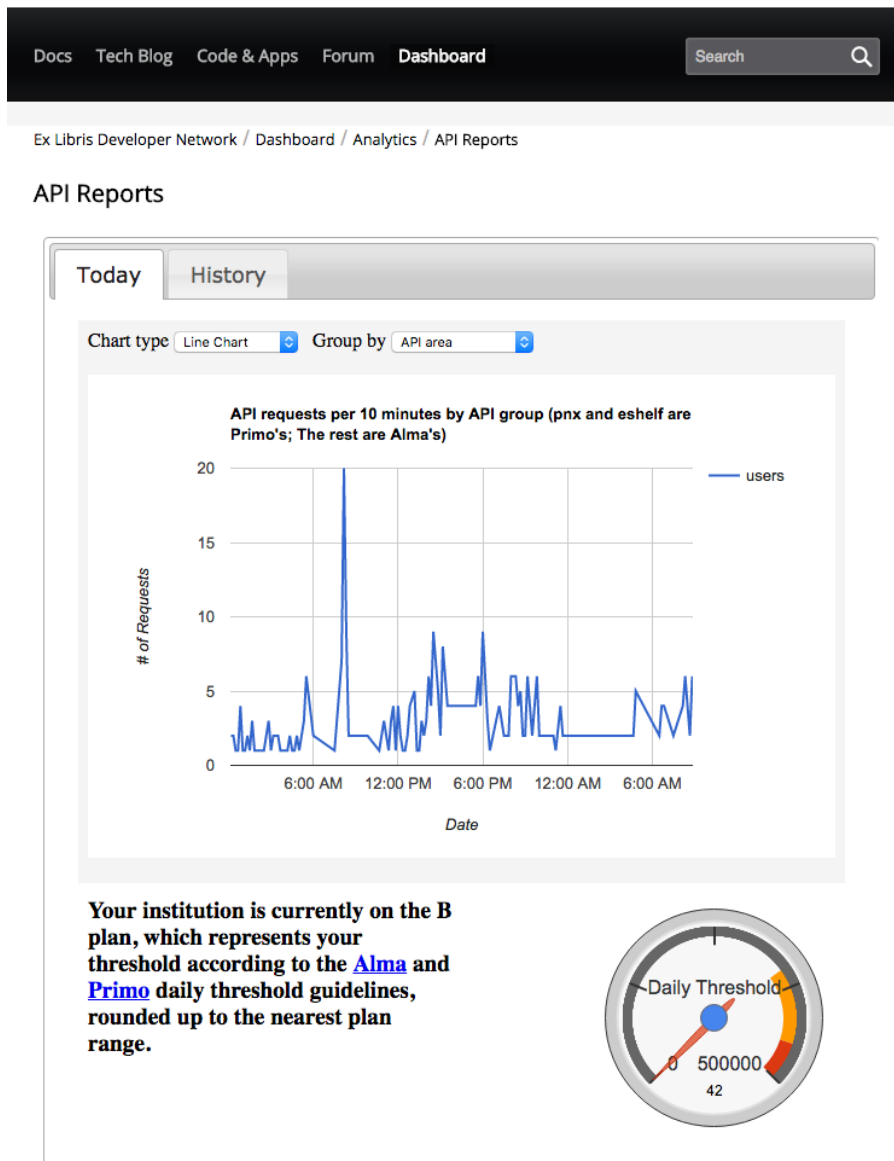


Developer Community

- Active community- nearly half the entries from customers!



API Dashboard





API Reports

Today

History

Chart type

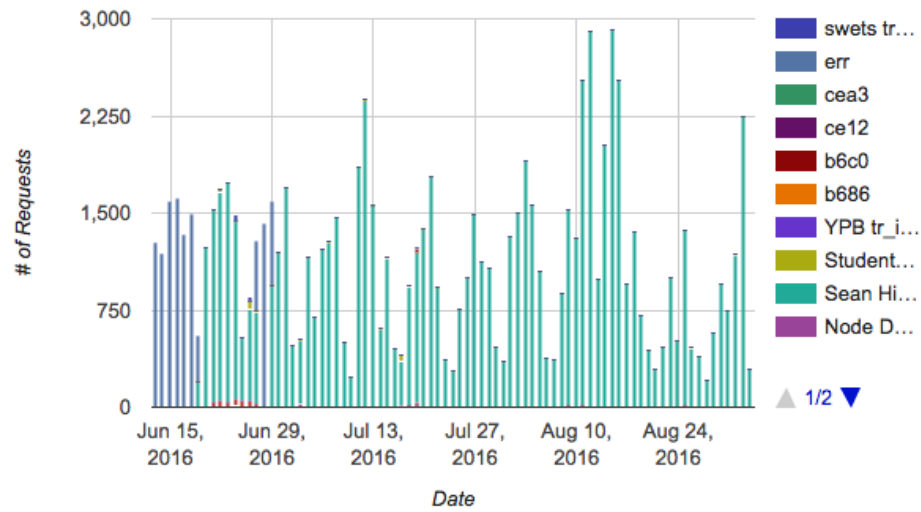
Column Chart

Stacked ☒

Group by

Application, daily

API requests per day by Application (and last four characters of the API-key)





Alma

Recently Released- APIs

- Linked Data API including
 - Including local authority and wikidata enrichment
- Workflow
 - Scan in
 - Next st
- CRUD API Tuesday, 17:30
- Process orchestration
 - Manage manual and scheduled jobs
 - Manage sets

IGELU Session....

*Unlocking Your Library with the
Alma Developer Network*

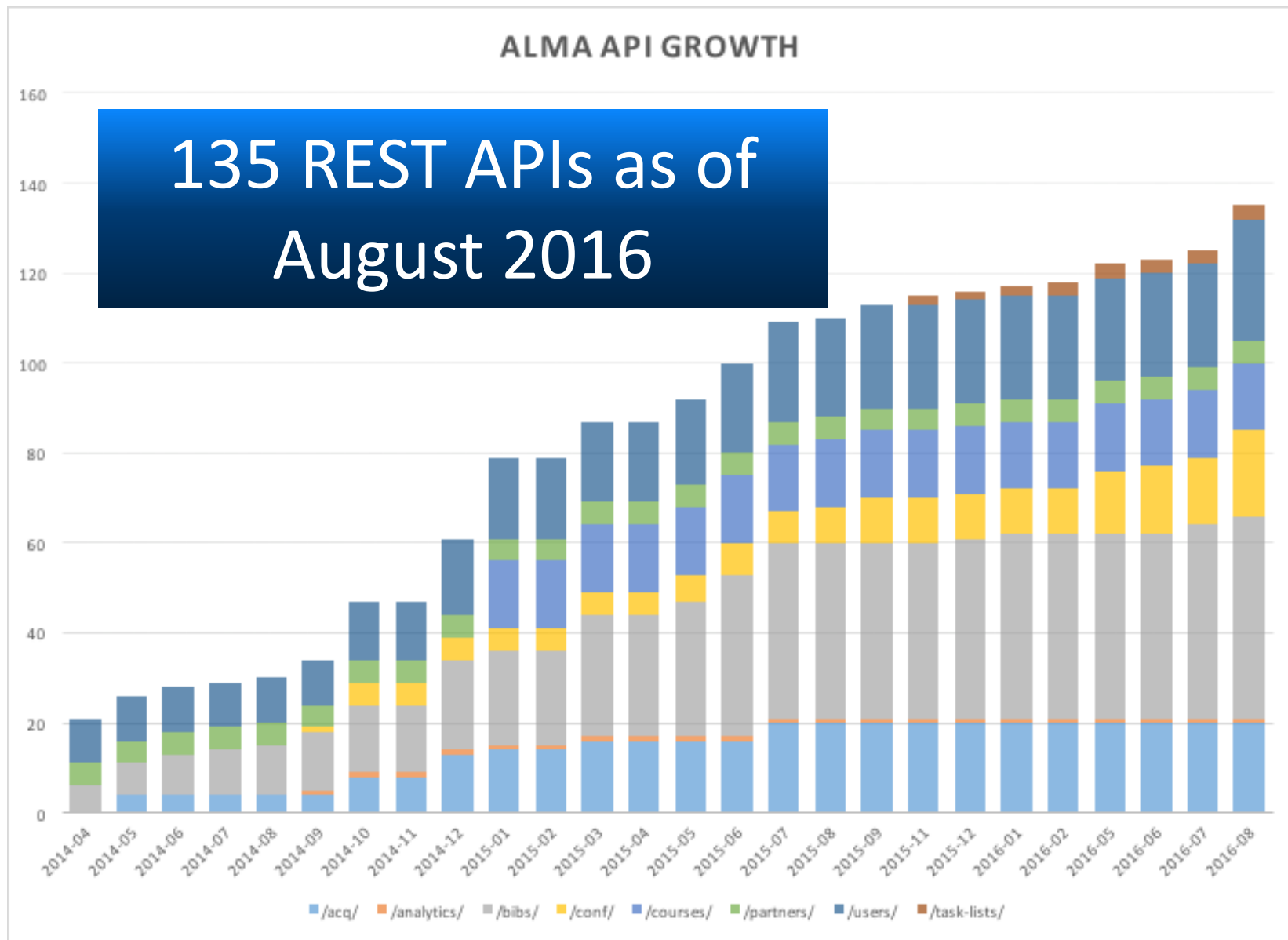
Coming Soon – Web Hooks

- Configure Alma to call out to external systems
- Enable i **Developer Day Session....** lling
- Call outs *Now We're Talking.... Two Way*
- Starting *Communication With Alma Using Webhooks*
- Expand (s), Alma
Thursday, 09:30
events (

Coming Soon – Social Authentication

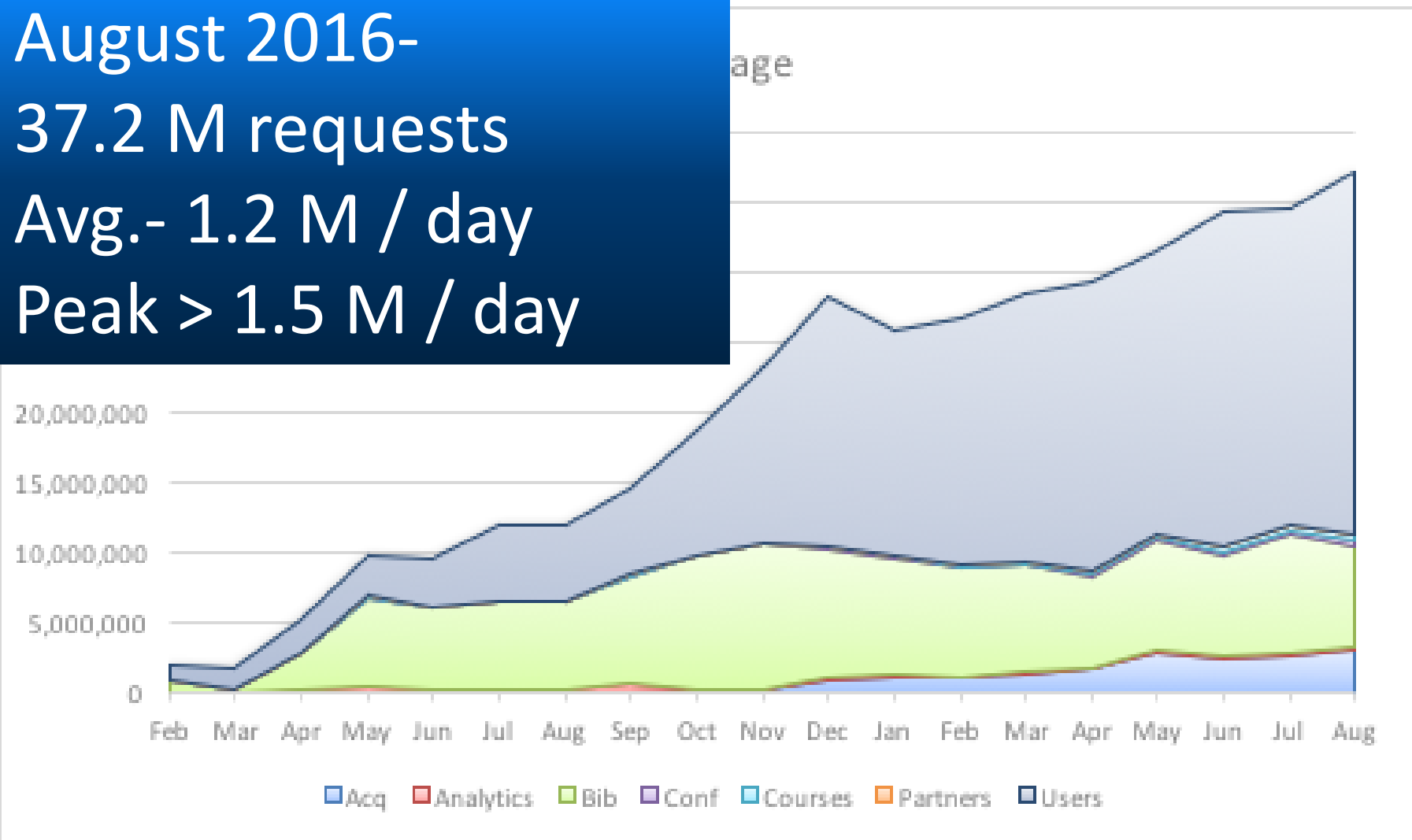
- Enable login to Alma (and Primo in November release) with Google and Facebook (additional networks coming soon)
- OAuth 2.0 – based
- Use cases- graduates, community members, walk-ins
- “Attach” existing accounts to social credentials
- Option for self-registration

API Growth



API Usage

August 2016-
37.2 M requests
Avg.- 1.2 M / day
Peak > 1.5 M / day





Primo

Collection Discovery

Introduced in Primo February release

Integration via API to Alma or Rosetta to retrieve collection hierarchy and details


Collection Resource Editor			
Top Level Collections			
Add Top-Level Collection		Find :	1 - 12 of 12
Collection ID	Collection Name	Description	Total Members
1 811494800000121	Harvard theses and dissertations	A collection of Harvard theses and dissertations, doctoral, seniors and honors.	3
2 8115027510000121	Van Gogh Digitized Paintings	Collection of Van Gogh Digitized Paintings	54
3 8115201030000121	Washington State University Research Exchange	Research Exchange is the institutional repository for Washington State University—a space designed to preserve and share scholarship produced at this institution. All faculty members, staff, students, and affiliates of the university...	1
4 8117219700000121	ILO - a collection of ILO publications		
5 8117629930000121	Van Gogh		
6 8117647990000121	Digital Items		
7 8118809930000121	European Libraries		
8 8118989670000121	History Collection		

Collections >

Harvard theses and dissertations

A collection of Harvard these...


[View collection](#)



Van Gogh Digitized Paintings

Collection of Van Gogh Digitiz...


[View collection](#)



Washington State University Research Exchange

Research Exchange is the in...

[View collection](#)




ILO

ILO

The I


Van Gogh

[View collection](#)




Digital Items

[View collection](#)



European Libraries

[View collection](#)




Hist

Art Collection

A collection of works of art b...


[View collection](#)



Foods of Taiwan as seen by tourists

A collection of images taken ...


[View collection](#)



Feminist Studies

A compilation of resources a...

[View collection](#)



Misc

Libr

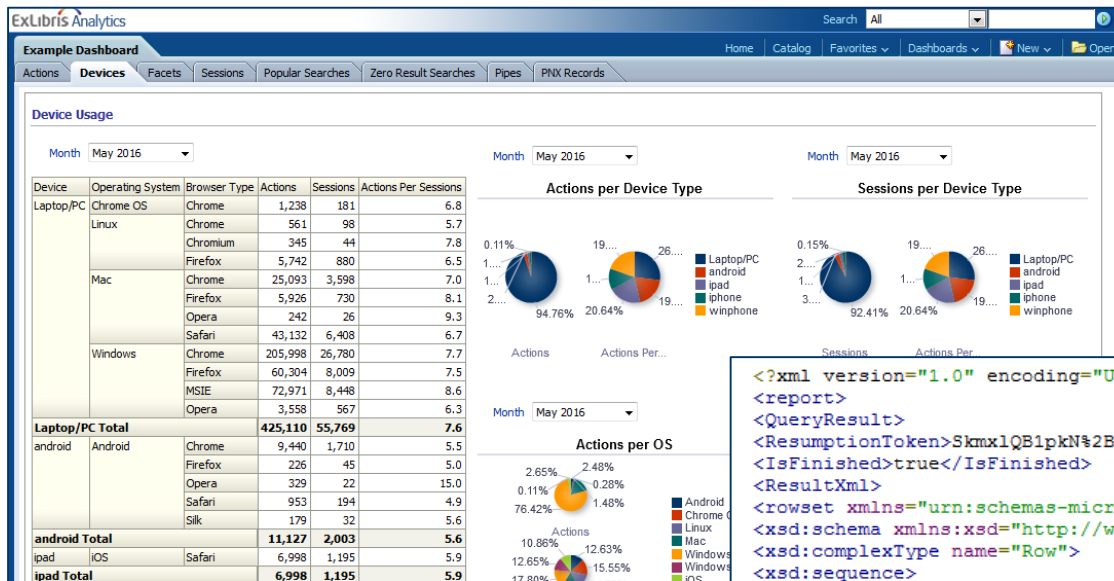
Misc

* Planned to later open this syntax up for other digital repositories

Primo Analytics API

New in Primo May release

The Analytics API returns a Primo report in XML format



```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<report>
  <QueryResult>
    <ResumptionToken>Skmx1QB1pkN%2BMBYEm7GRPjyv51LMaYrzS3oxzFXp4znxpUGgVC%2BCuTgToasje%2
    <IsFinished>true</IsFinished>
    <ResultXml>
      <rowset xmlns="urn:schemas-microsoft-com:xml-analysis:rowset" >
        <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:saw-sql="urn:saw-sql"
        <xsd:complexType name="Row">
          <xsd:sequence>
            <xsd:element name="Column0" type="xsd:int" minOccurs="0" maxOccurs="1" saw-sql:type="
            <xsd:element name="Column1" type="xsd:string" minOccurs="0" maxOccurs="1" saw-sql:typ
            <xsd:element name="Column2" type="xsd:double" minOccurs="0" maxOccurs="1" saw-sql:typ
            <xsd:element name="Column3" type="xsd:int" minOccurs="0" maxOccurs="1" saw-sql:type="
            <xsd:element name="Column4" type="xsd:int" minOccurs="0" maxOccurs="1" saw-sql:type="
          </xsd:sequence>
        </xsd:complexType>
        </xsd:schema>
        <Row>
          <Column0>0</Column0>
          <Column1>american</Column1>
          <Column2>2938553</Column2>
          <Column3>14</Column3>
          <Column4>4</Column4>
        </Row>
        <Row>
          <Column0>0</Column0>
          <Column1>africa</Column1>
```

Inherent and independent authentication within Primo

- LDAP
- Primo as a SAML service provider (SP)
- Alma
- Other methods on the way





Rosetta

Continued investment in APIs and Integrations

- Two-way MD synchronization over OAI-PMH
 - Integrated already with Alma and AdLib
- Collection Tree API, Collection Ordering via API
- Collection Discovery by Primo
- Add derivative copy job (can be run via API)
- CRUD APIs for Access Rights and Access Rights Exceptions
 - Enabling building a Virtual Reading Room



**Let's hear from
you...**

Let's continue the momentum

- As always, share the great work you're doing with the rest of the community...
 - Ideas from the SIWG on how to encourage even more engagement?
- Areas of interest that you don't see being addressed?

THANK YOU

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