

USPTO CDAC Presentation

Thomas A. Beach
Scott Beliveau

UNITED STATES
PATENT AND TRADEMARK OFFICE



We ingest and disseminate data



We want to do more

UNITED STATES
PATENT AND TRADEMARK OFFICE



Value is hidden in our data

What is claimed is:

1. A method of evaluating a biological sample collected from a subject, said method comprising:
 - (a) receiving data transmitted from a Clinical Laboratory Improvement Amendments (CLIA)-compliant device placed in or on the subject or at a site selected from the group consisting of a retailer site, the subject's home, or a health assessment/treatment location, wherein the device is configured to process the biological sample by:
 - (i) receiving the biological sample;
 - (ii) preparing the biological sample and yielding raw data for a subsequent qualitative and/or quantitative evaluation of said biological sample; and

- (iii) transmitting electronically the raw data to an authorized analytical facility and/or an affiliate thereof for performance of said subsequent evaluation;
 - (b) analyzing the raw data transmitted from the device at the authorized analytical facility and/or the affiliate thereof, to provide said evaluation of said biological sample, wherein said analysis is performed using a processor alone or in conjunction with an individual affiliated with the authorized analytical facility; and
 - (c) providing oversight of integrity of said analysis and operation of said CLIA-compliant device such that results generated from said analysis can be utilized by a health care professional for diagnosis or treatment of said subject, wherein the oversight is performed using a processor alone or in conjunction with an individual affiliated with the authorized analytical facility, and wherein the authorized analytical facility is a CLIA-compliant laboratory.

Initiate, Learn, Launch & Create: Open Data

We initiated:

- USPTO Roadmap
- GovLab Open Data Roundtable (12/08/14)

We learned:

- “225 years of Open Data”
- Release of GovLab Report

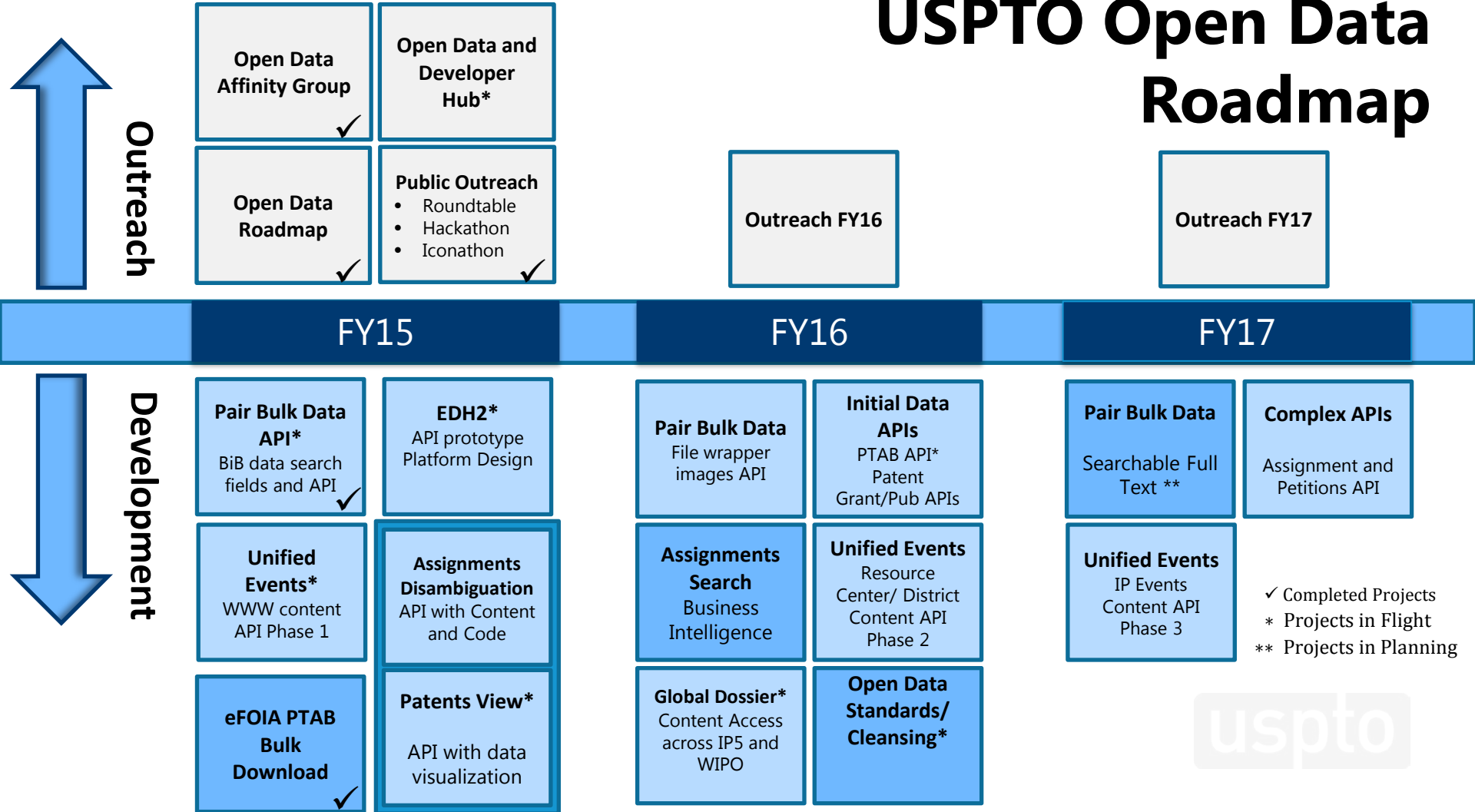
We are launching:

- Release of USPTO Open Data & Mobility Strategy Document 2015-2018
- Plan for Accelerating Progress

We are creating:

- Enterprise-wide Data Analytics & Digital Services portfolio to coordinate efforts
- Data Governance Board internal to USPTO

USPTO Open Data Roadmap



✓ Completed Projects
 * Projects in Flight
 ** Projects in Planning

Open Data and Mobility Projects

Project	Value
Public PAIR Download/Search API	Data dissemination platform
Unified Events Calendar	Data dissemination platform
Electronic Data Hosting (EDH)	Data dissemination platform
Assignments Download/Search API	Data dissemination platform
Patent Trial and Appeal Board API	Data dissemination platform
Global Dossier	Data dissemination platform (international)
Patents View	Data visualization
Developer/Data Hub	Community outreach
Open Data Standards and Cleansing	Supports 'Big Data' and quality initiatives

* Refer to handout for more information

What do we want to do?

Ingestion



Analytics



Visualization

- Enable data cleaning at filing to support attributable patent ownership and analytics
- Provide a one-stop shop for access to full case history including litigation records and patent expiration information to empower users
- Measure and refine outreach and study efforts through analytics
- Support continued crowd powered improvements in patent quality through analytics
- Enable true transparency and democratization of patent data through improved data visualization techniques

What we need from you...

Initiate

- Feedback on our Open Data and Mobility Strategy

Learn

- How do we grow into a customer focused product developer/service organization
- How do we shift to become a proactive government agency with global implications
- Assistance in gaining market expertise in data ingestion, analytics, and visualization

Launch

- Volunteers to support rapid execution of USPTO the vision
- Volunteers to support the creation of a startup/incubator culture to leverage innovation from the private industry

Create

- Insight to proactively drive development of new customer driven products and services

