



Welcome to  
Open edX 2017

A faint, light blue world map is visible in the background of the slide, centered behind the text.

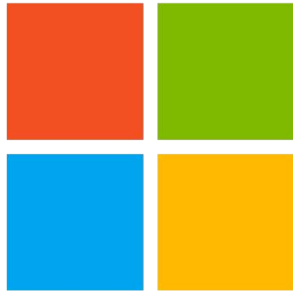
# Joel Barciauskas

Engineering Manager, Open edX

[joel@edx.org](mailto:joel@edx.org)

twitter [@jbarciauskas](https://twitter.com/jbarciauskas)

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@ the coffee break!



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# Thanks to UC3M

UC3M team - Carlos, Raul, Rosa, everyone -- thanks for being great hosts!

**uc3m**

Universidad  
**Carlos III**  
de Madrid

# Social media and Slack



**Twitter:** Conference Hashtag: **#OpenedX2017**



**Slack Chat:** Join @ **bit.ly/openedx-slack**

Conference Slack Room - **#openedx2017**

Create subrooms - **#openedx2017-\*** (-dinner, -aws, etc)

# Conference stuff

Plenaries are here

Breakouts are in 3 different rooms

Lunch - check your tag!

Staff are wearing pink badges - ask us!



# State of Open edX 2017

Universidad Carlos III Madrid

May 24, 2017

# Agenda

- CTO's update
- Introducing Iain Kennedy
- Product
- Technology
- Community

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# Mark Haseltine

CTO, edX

[mark@edx.org](mailto:mark@edx.org)

twitter [@markhaseltine](https://twitter.com/markhaseltine)



# Product & Engineering Organization

We have aligned our organization more directly around our customers



Learner

Educator

Business

# Core Team

We also aligned our core teams behind the **developer** as the primary customer



DevOps

Tools

Platform

# Continued Growth

- Continue to grow the engineering organization at a healthy rate
- 25 new additions to Engineering last year
- Strong Product Management organization

# Who's Here?

## **Learner**

Marco Morales (Product), Jasper Ho (Product), Bill DeRusha (Engineering)

## **Educator**

Shelby Stack (Product), Nimisha Asthagiri (Engineering)

## **Business**

Brittney Exline (Engineering)

## **Ed Services**

Clayton Hainsworth (Video), Ben Piscopo (Training), Audra Longert,  
Laura Ingison

## **Core**

Feanil Patel (DevOps), Brian Wilson (Analytics), Ari Rizzitano (FED),  
Liz Cohen (UX), Mark Sadecki (A11Y)



# Our Open edX Team

- Special thank you to our Open edX Team who made this conference happen
  - Joel Barciauskas
  - Ned Batchelder
  - George Song
  - Erin Brown
  - Violetta Zubarev
  - Roberta Wilson
- Please give us your feedback



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# Iain Kennedy

VP Product, edX

[ikennedy@edx.org](mailto:ikennedy@edx.org)



**Product Vision**

Create the world's leading learning destination site and platform

# Product Approach

Focus on the Important Stuff

---

Identify the Not  
Important Stuff





# Product Approach

Focus on the Important Stuff

---

## Balance

Drives our key metrics

Customer asks

Delighters

Investments

Identify the Not Important Stuff



# Product Approach

Focus on the Important Stuff

---

## Balance

Drives our key metrics

Customer asks

Delighters

Investments

## Focus

Enhance

Invest

Experiment

Identify the Not Important Stuff



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# Marco Morales

Product: Learner Team

marco@edx.org  
twitter @marcotuts

# Open edX Named Releases

Eucalyptus

July '16

Ficus

Jan '17

Ginkgo

~July '17

Hawthorn



# Ficus: Overview

Order History in Account Settings

Site Specific Catalogs

Discussions Usability, Performance

Per Learner Insights

Time Zone Improvements

**CAPA Problems Experience**

Duplicate Content in Studio

Drag & Drop v2  
(OpenCraft)

## Botanical Plants Question

4/4 points (graded)

Which of the following is a vegetable?  
Check all that apply.

Pepper

Butternut Squash

Rhubarb

Tomato



Submit

You have used 2 of 3 attempts

?  
Hint

Save

Show Answer

✓ Correct (4/4 points)

# Learner Themes: Ginkgo



Commerce  
Capabilities



Course Landing  
Experience



Catalog &  
Credential Services



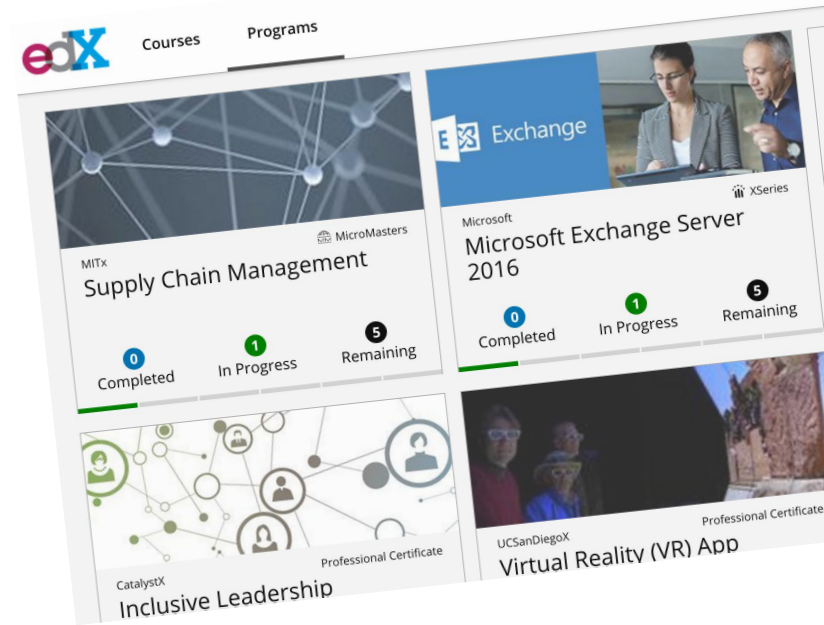
Expanded  
Programs Support

# Ginkgo: Programs

Catalog Service powering  
various Applications

## Programs Dashboard with Progress

Program Details with Run  
Enrollment Tools



# Ginkgo: Mobile

## Mobile App Reviews & Feedback

All Courses Viewable on Mobile

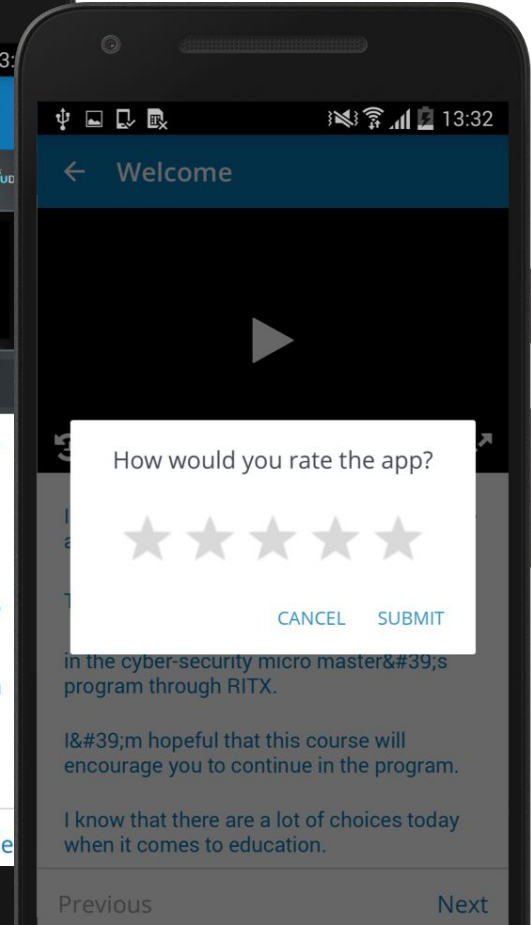
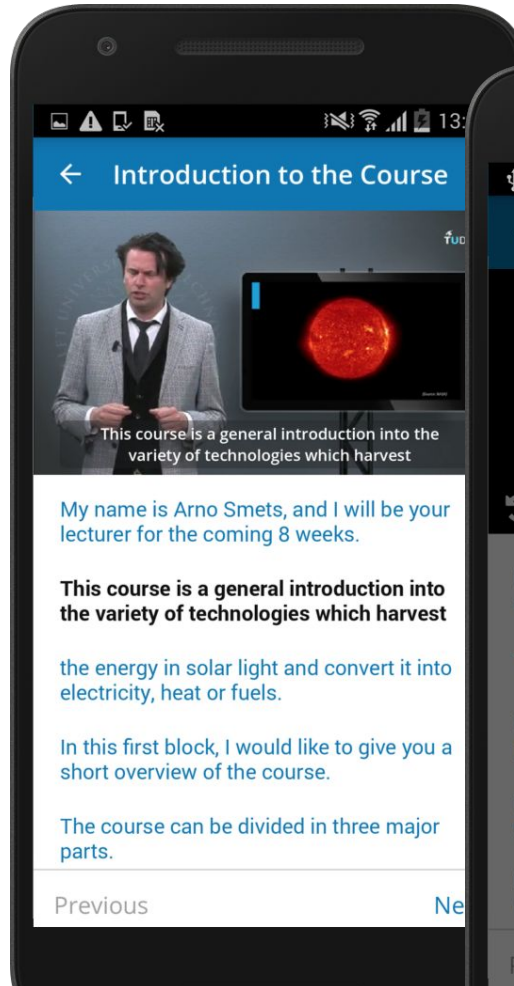
Mobile App Localization

## Clickable Video Transcripts

Offline Mode Messaging

Version App Upgrade Messages

My Videos Improvements





# Ginkgo: Course Experience



MITx: 6.00.1x Introduction to Computer Science and Programming Using Python

Help



marcoatedx

Course Discussion Progress Notes Calendar Instructor

## Introduction to Computer Science and Programming Using Python

Start Course

### Welcome to 6.00.1x, Summer 2017!

The faculty and course staff are looking forward to working with you this term, and we hope that you will have a great time learning about programming and computation. We are excited to have you all join us!

- Ana and the 6.00.1x staff

### Welcome to the edX Platform

[Using the edX Platform](#)

### Entrance Survey

[Important Preliminary Survey](#)

### Course Tools

[Bookmarks](#)

[Updates](#)

### Important Course Dates

Today is May 23, 2017 09:53 EDT

Course Starts  
in 1 week - May 30, 2017

Verification Upgrade Deadline  
in 1 month - Jun 27, 2017

You are still eligible to upgrade to a Verified Certificate! Pursue it to highlight the knowledge and skills you gain in this course.

[Upgrade to Verified Certificate](#)

Course End  
in 2 months - Aug 1, 2017

Language

Registration

Language

Web Framework

New Course

Basic Course

Support


# Ginkgo: Commerce, Catalog, Credentials

Coupon & Enrollment Codes

Responsive Checkout Flow

Language Aware Checkout


Site Aware Program Credentials

marcoatedx

---

### In Your Cart

Your purchase contains the following:



**Python for Data Science**  
Verified Certificate

### Summary

Price	<b>\$350.00</b>
-------	-----------------

Add coupon code (optional)



  

<b>TOTAL</b>	<b>\$350.00</b>
--------------	-----------------

### Order Details

You will be automatically enrolled in the verified track of the course upon completing your order.

### Select Payment Method



### Card Holder Information

First Name (required)

Last Name (required)

Address (required)

Suite/Apartment Number

City (required)

# Learner Themes: Hawthorn & Beyond



Payments &  
Program Bundling



Learner Goals &  
Progress



Course Dates &  
Lifecycle



Identity &  
Community

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# Shelby Stack

Product: Educator Team

[shelby@edx.org](mailto:shelby@edx.org)

# Educator Themes: Ginkgo



Video



Grading & Integrity



Insights



Authoring

## Question 1 A

5 points possible (ungraded, results hidden)

Which of the following countries has the largest population?

Brazil

Germany

Indonesia

Russia

Submit

You have used 2 of 10 attempts

Save

Answer submitted.

descansar e não estava vendo nada.  
bj. grande

# ality & Authoring

# Gingko: Assessments & Insights

Open Response Instructor Overview  
(Credo Education)

Open Response Usability Improvements  
(Credo Education)

**Insights Course Summary Stats**

**Insights Home Search & Filtering**

Grading in Insights

The screenshot displays the edX Insights dashboard. At the top, the edX logo and 'INSIGHTS' are visible, along with a user profile for 'marcoatedx'. Below the header, a section titled 'Across all your courses:' features four summary cards: Total Enrollment (109,922,851), Current Enrollment (92,978,204), Change in Last Week (2,537,471), and Verified Enrollment (5,432,908). Each card includes a small information icon. Below this is a 'Course List' section with a search bar and a 'Download CSV' button. The search results show 4,033 courses. A table lists several courses with columns for Course Name, Start Date, End Date, Total Enrollment, Current Enrollment, Change Last Week, and Verified Enrollment. The table includes courses like 'Introduction to Computer Science' from HarvardX and 'Introduction to Linux' from LinuxFoundationX.

Course Name	Start Date	End Date	Total Enrollment	Current Enrollment	Change Last Week	Verified Enrollment
Introduction to Computer Science HarvardX/CS50x3/2015	01/01/2015	05/01/2016				
Introduction to Computer Science course=v1:HarvardX/CS50+X	02/17/2016	12/31/2018				
Introduction to Computer Science HarvardX/CS50x/2014_T1	01/01/2014	01/01/2015				
DemoX edX/DemoX.1/2014	07/07/2013	05/02/2017				
Introduction to Linux LinuxFoundationX/LFS101x/2T2014	08/01/2014	12/21/2014				

# Educator Themes: Hawthorn & Beyond



Video



Discussions



Learner Engagement



Accessibility



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# Joel Barciauskas

Engineering Manager, Open edX

[joel@edx.org](mailto:joel@edx.org)

twitter [@jbarciauskas](https://twitter.com/jbarciauskas)

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# Technology Roadmap

# Technology - since last time

- Ubuntu 12.04 → 16.04
- Front-end modernization and a11y
- Open edX Proposals: technology decision framework
  - 12 published, 4 in progress
  - <https://open-edx-proposals.readthedocs.io>

# What's up next

- React front-end components and Bootstrap 4
- Container-based developer environments
- Django 1.11 upgrade
- Updated core platform architecture

A faint, light blue world map is visible in the background, centered on the Atlantic Ocean. The map shows the outlines of continents and major landmasses.

# Community by the Numbers

800+

Sites

5000+

Courses

We learned about **over 550** more sites and **over 1300** courses in the past year!

+ >11m edx.org learners  
>11m Open edX learners

---

More than **22 million** learners  
on the Open edX platform

# Top MOOC sites

**9 of 39 on Class Central are built on Open edX!**



UPV [X]





# National platforms



Jordan (edraak.org)



Taiwan (www.openedu.tw)



המיזם הלאומי ללמידה דיגיטלית

Israel (campus.gov.il)



Russia (openedu.ru)



Saudi Arabia (doroob.sa)



China (xuetangx.com)



South Korea (kmooc.kr)



France (fun-mooc.fr)



Kazakhstan  
(openu.kz)



Mexico (mexicox.gob.mx)

# Community recognition

Release testing & help on #ops - Pierre Mailhot, EDUlib  
/ Université de Montréal!

**EDUlib**

Top contributing org: OpenCraft  
Over 70 contributions merged!



OpenCraft -



# More top contributions



XBlock Asides  
Enhancements



i18n / RTL fixes and  
enhancements



Peer Instruction v2



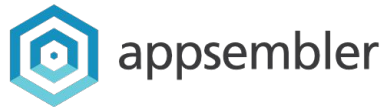
OAuth Enhancements



Grades API



Conditional  
Authoring UI



Mobile app  
customization



Mobile app  
Enhancements



# More contributors!

Thanks also to:

- eduNEXT
- Arbisoft
- EPFL
- ExtensionEngine
- Stanford
- FUN



And everyone else who has contributed their time and effort to this project!



# How you can help

Show the Powered by Open edX logo



Link back to edX.org



Share your feedback & help others on Slack & mailing lists



Contribute to translations and documentation



Conduct experiments and research



Share your story with us!





Q&A

# Lunch

Please go to

- **Ground floor** cafeteria if you have a “1” on your badge
- **First floor** cafeteria if you have “2” on your badge

Opportunity to meet different people!

If you **need** to switch, it's OK



Welcome to  
Open edX 2017





Community update  
Joel Barciauskas, Manager, Open edX

# References

Last year's talk:

[https://docs.google.com/presentation/d/196\\_IY6YaNWs3yJOXr1UNiBDouFku8nG9kv7avjYe1qM/edit#slide=id.g1349191b11\\_0\\_0](https://docs.google.com/presentation/d/196_IY6YaNWs3yJOXr1UNiBDouFku8nG9kv7avjYe1qM/edit#slide=id.g1349191b11_0_0)

Outline for this year:

<https://docs.google.com/document/d/11SdINSF2dPAUr3C7IVdIEUy-O-5obH2JWnEvuVH7ATs/edit>

# Quick history

## September 2011

Design of the platform started

## February 2012

The First On-Campus SPOC

## March 2012

The First MOOC

## January 2013

20 MOOCs, 500k learners on edX.org

## June 2013

edX releases the Open edX platform

## October 2014

2.3m learners on edX.org

40 Open edX sites

500 Open edX courses

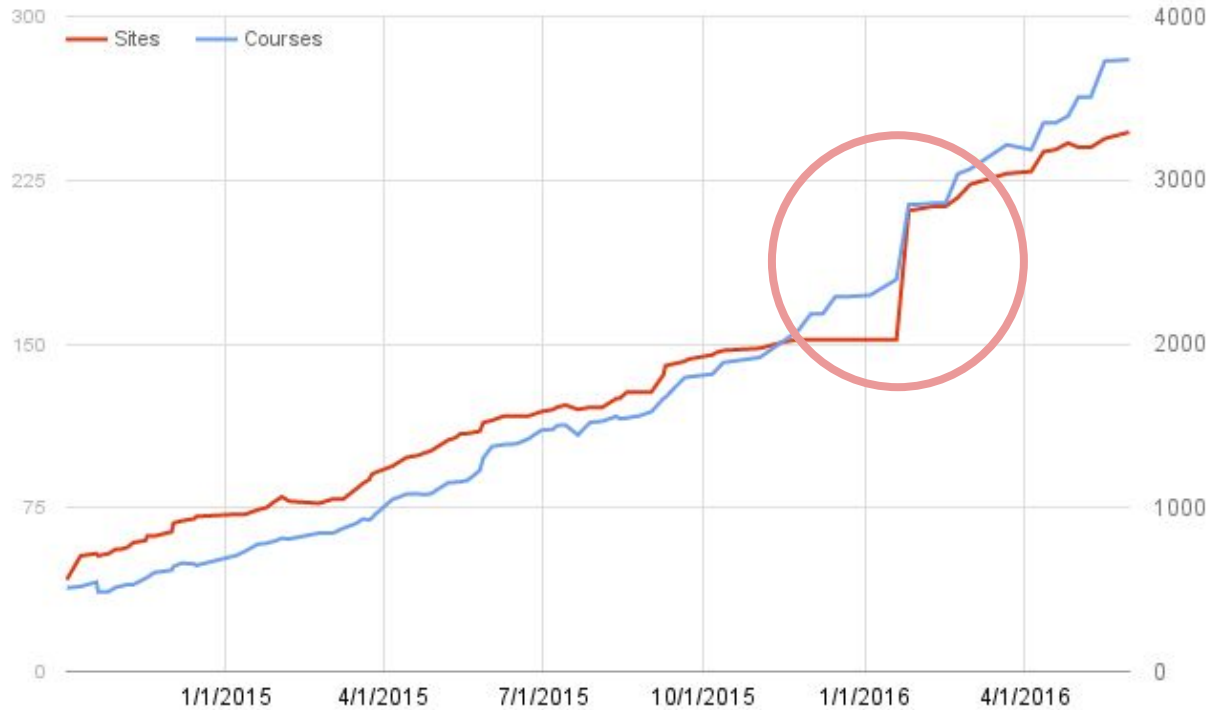
## September 2015

5m learners on edX.org

140 Open edX sites

1800 Open edX courses

# The past year and a half



Открытое образование



Stanford  
ONLINE  
Lagunita

TEACHFORINDIA

UCATx



EducateWorkforce

MUDDX

INTERSYSTEMS



MongoDB  
University

PROMETHEUS

Proversity



中華開放教育平台  
OPENEDU



UNIVERSITY OF  
Global Health  
EQUITY

IONISX

GYMNASIUM



African Virtual University  
Universite Virtuelle Africaine  
Universidade Virtual Africana

EDRAAK

dimagi  
Academy

LABSTER

FUN

méxicoX



IITBombayX



IndonesiaX  
Enriching Lives Through Education

BIG DATA  
UNIVERSITY

UPV [X]  
Formación Online



دوروث  
dorooth



学堂在线  
xuetangx.com

curricu.X

UC3M  
Digital

millionlights

GACCO  
The Japan MOOC

Certified by  
JMOC



CRAFT ACADEMY

BeJob

Formación  
para la empleabilidad

