

Welcome!

Skyline Users Meeting 2017 Indianapolis



Agilent Technologies



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Skyline Team



Brendan MacLean
Principal Developer



Brian Pratt
Developer



Nick Shulman
Developer



Kaipo Tamura
Developer



Vagisha Sharma
Developer - Panorama



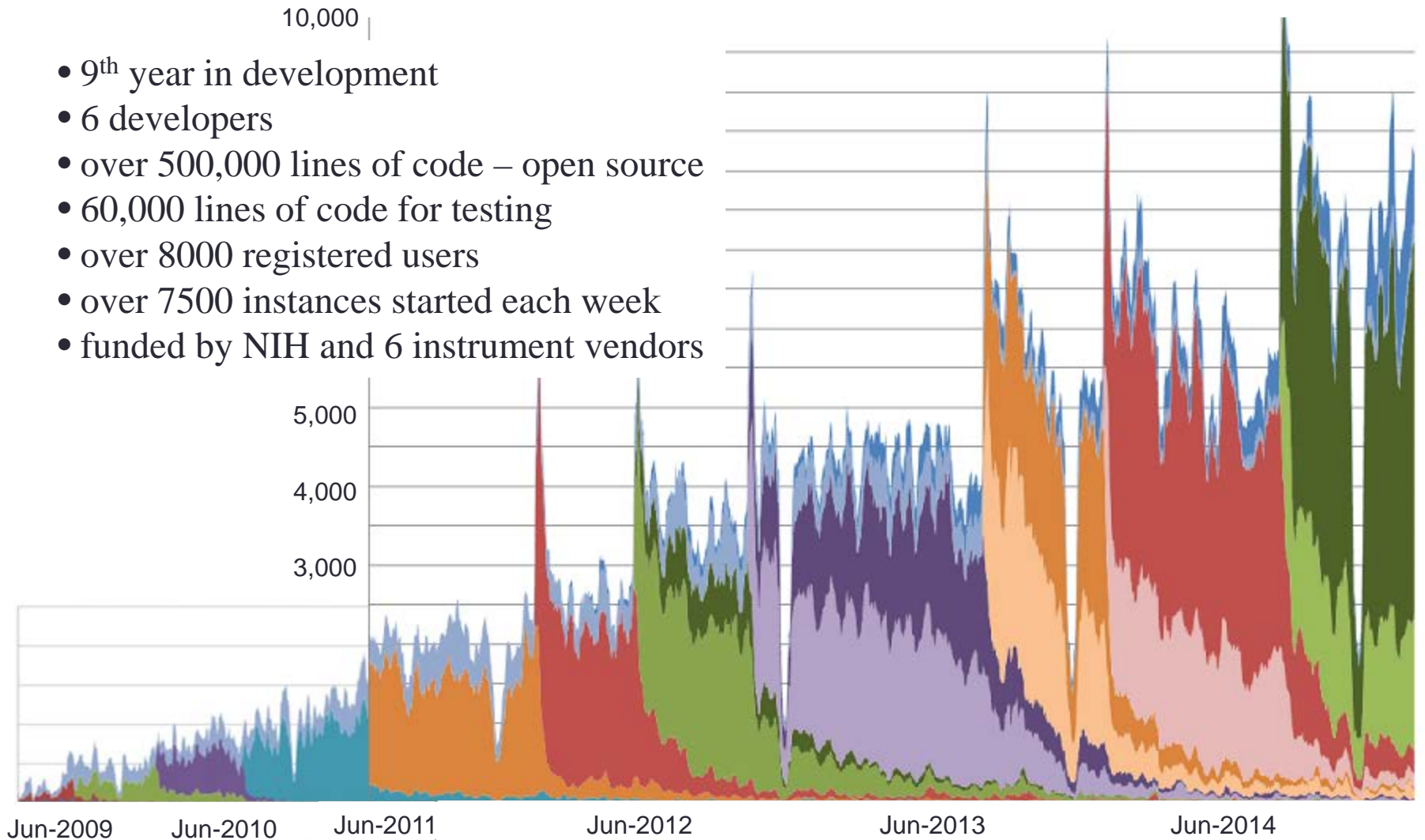
Yuval Boss
Developer Intern



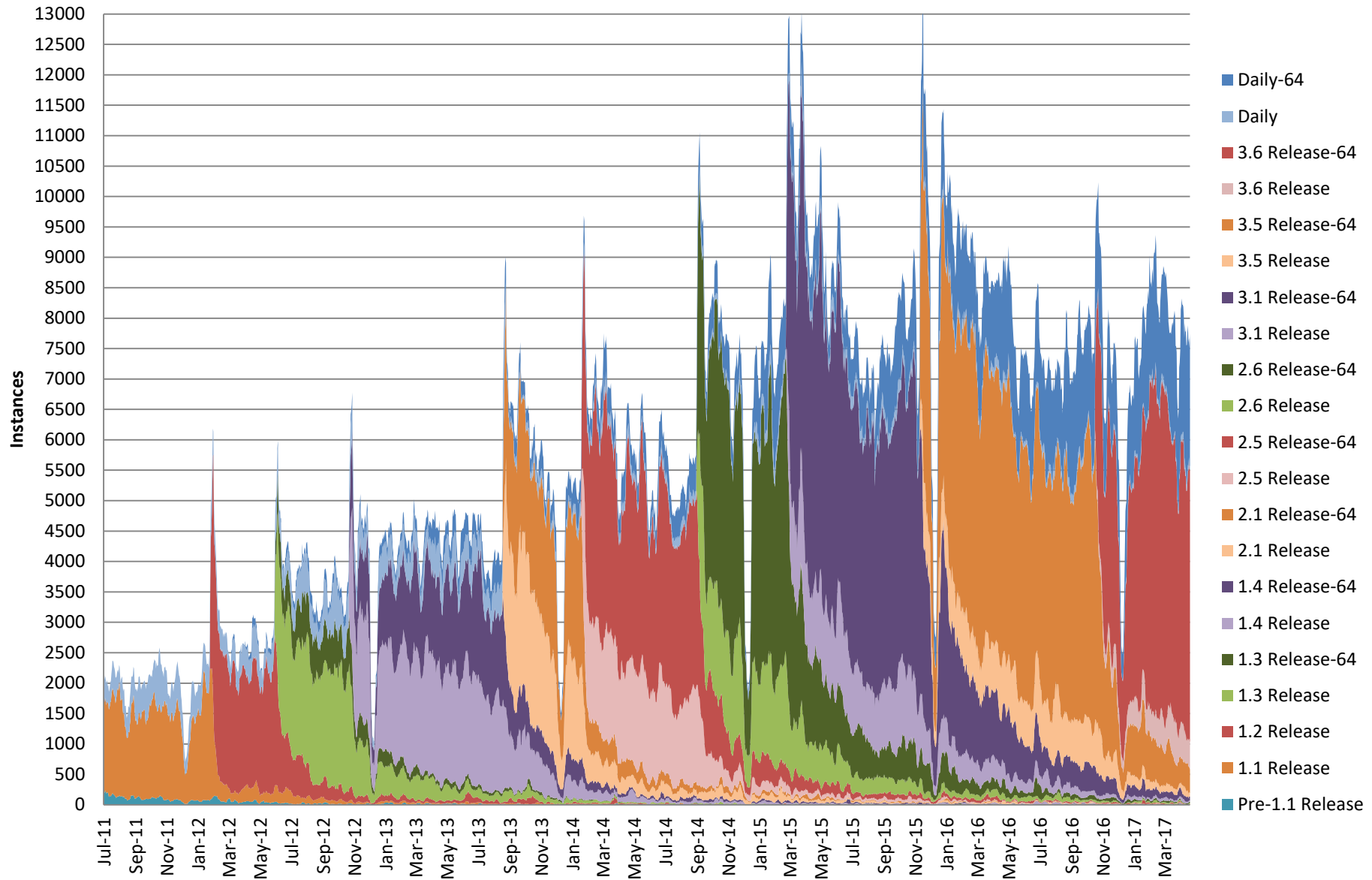
Nat Brace
Project Manager

Skyline Project Overview

- 9th year in development
- 6 developers
- over 500,000 lines of code – open source
- 60,000 lines of code for testing
- over 8000 registered users
- over 7500 instances started each week
- funded by NIH and 6 instrument vendors



7-day Trailing Instances Today



Skyline Development Federal Support

- **NIH/NIGMS: Skyline Targeted Proteomics Environment (Competitive Renewal Submitted)**
 - R01 GM103551 (PI: MacCoss)
- **NIH/NIGMS: Comprehensive Biology: Exploiting the Yeast Genome (Competitive Renewal Submitted)**
 - P41 GM103533 (PI: MacCoss)
- **NIH/NIGMS: Self Correcting Nanoflow LC-MS for Clinical Proteomics**
 - R01 GM107806 (PI: MacCoss)
- **NIH/Common Fund: Library of Integrated Network-Based Cellular Signatures**
 - U54 HG008097 (PI: Jaffe)

NIH/NIGMS: Skyline Grant Aims

- **Specific Aim 1: Improve the robustness, reliability and performance of Skyline.**
- **Specific Aim 2: Improve support for non-proteomics workflows.**
- **Specific Aim 3: Improve collection, sharing, and dissemination of quantitative mass spectrometry data.**
- **Specific Aim 4: Support fully automated and cloud pipelines with Skyline processing.**
- **Specific Aim 5: Continue support and training for the Skyline ecosystem.**

Skyline Instrument Vendor Support



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Today's speakers



Michael MacCoss – MacCoss Lab, University of Washington



Matthew Rardin – Amgen



Eralp Dogu – Northeastern University



Shadi Eshghi – Genentech



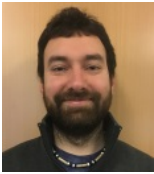
Matthew Foster – Duke University



Michael Schirm – Caprion

*** Break***

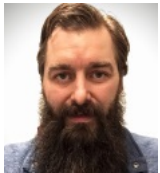
Today's speakers



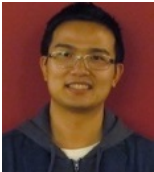
Simone Sidoli – University of Pennsylvania



Tania Auchynnikava – University of Edinburgh



Juan Chavez – Bruce Lab, University of Washington



Yang Zhang – Amyris



Adam Officer – Jaffe Lab, Broad Institute



Brendan MacLean – MacCoss Lab, University of Washington

*** Close***