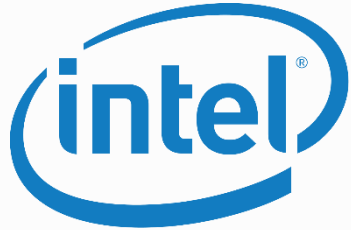


*presented by*



# Tianocore 2016 Updates

UEFI Spring Plugfest – March 29-31, 2016  
Presented by Tony Mangefeste (Intel Corp)

# Agenda



- Introduction
- 2016 Roadmap
- Governance
- Workflows





# 2016 Roadmap Update

(March 2016)

## Our Mission

Improve community contribution, raise the quality bar, & deliver on schedule.

We will demonstrate positive ROI for our customers who invest into Tianocore.

## Our Vision

We will work on our goals through active engagement with the community, listening to their feedback, acting on the feedback, and being transparent in our decision making process.

## Goals

1. Migrate to GitHub [complete; Q1]
2. Deploy Bugzilla [in progress; Q1 – early Q2]
3. Improve Code Management [in progress; Q2]
4. Improve Documentation [in progress; Q2]
5. Establish regular release cadence [Q2]
6. Improve Code Design [Q3]

## Get Involved

- Contribute feedback to Tianocore
- Utilize common packages from Tianocore
- Participate in the discussion
- Promote OSS
- Questions? [tony.mangefeste\[at\]intel\[dot\]com](mailto:tony.mangefeste@intel.com)

# Latest Developments... as of today...

Microsoft has removed the use clause from the UEFI FAT sources which are part of the Tianocore program.

The sources for the FAT driver are now covered under 2-clause BSD with no field of use restriction.

# Objectives

When discussing the “Tianocore Plan” it includes:

- Code (Tianocore, EDK2)
- Tools (Build, Github, Issue management)
- Documentation (Gitbooks, Wiki)
- Web Presence (tianocore.org)
- Social Presence (@tianocore, g+, YouTube)

## Not Part of this Plan

**BUT part of other plans**

- Intel Firmware Engine
- Intel Test Suite
- Firmware Support Package
- Platform Reference Code
- Business Unit Product Line Code

# 2016 Goals

## Key milestones for 2016 are:

- Increase community contribution and participation
- Enable more E2E solutions based on Tianocore
- Complete source control migration for code and documentation
- Deploy issue management system
- Align with industry partners

# Governance

Tianocore governance updated, licensing and distribution remains unchanged

New stewards announced for Tianocore:

- Andrew Fish – Apple
- Leif Lindholm – Linaro
- Michael Kinney – Intel

Community Manager

- Tony Mangefeste

# Program workflow

Extend internal development processes into the community

Code will be developed in an interactive cadence. Each cadence will be divided into phases:

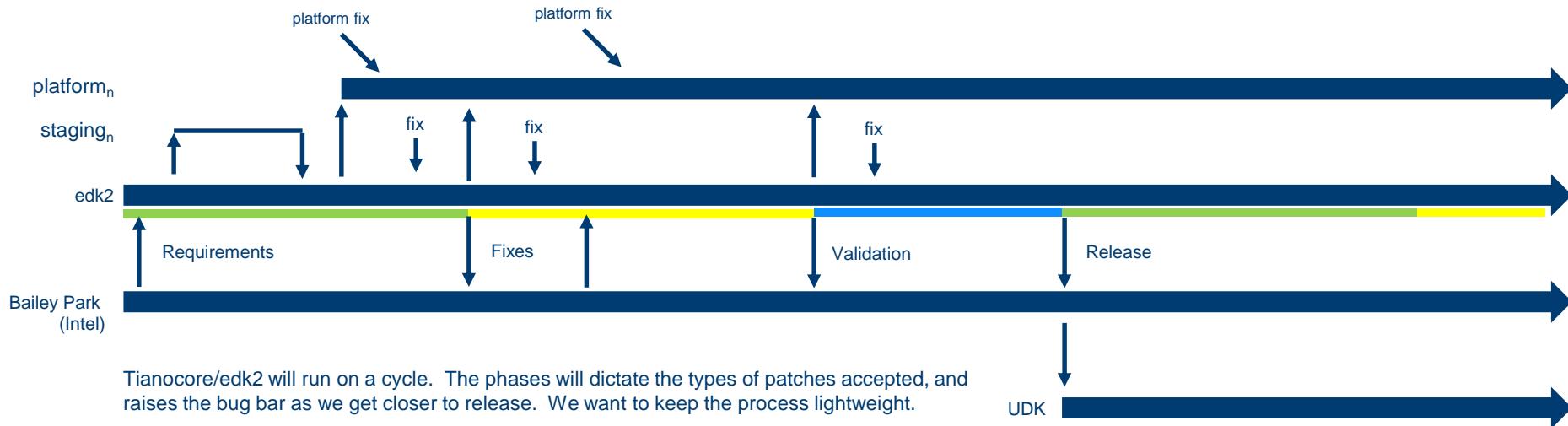
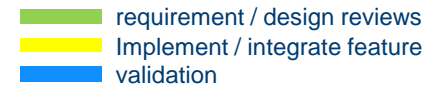
- Requirements gathering
- Feature integration
- Validation

With a release labeled on a regular schedule.

Features will be planned per cadence based on community input



# Release management



Tianocore/edk2 will run on a cycle. The phases will dictate the types of patches accepted, and raises the bug bar as we get closer to release. We want to keep the process lightweight.

Edk2 is always at production quality. This release management scheme does not reflect on xPG development of PG-specific packages. The ideal is that xPG releases take released Tianocore code, per cadence model.

WIP:

- Length of cycle
- Requirements gathering, Design/Review processes, integration
- Branch management w.r.t. staging, platform

# Issue management

Community development will utilize Bugzilla (<http://bugzilla.Tianocore.org>) to track issues (code, documentation, features)

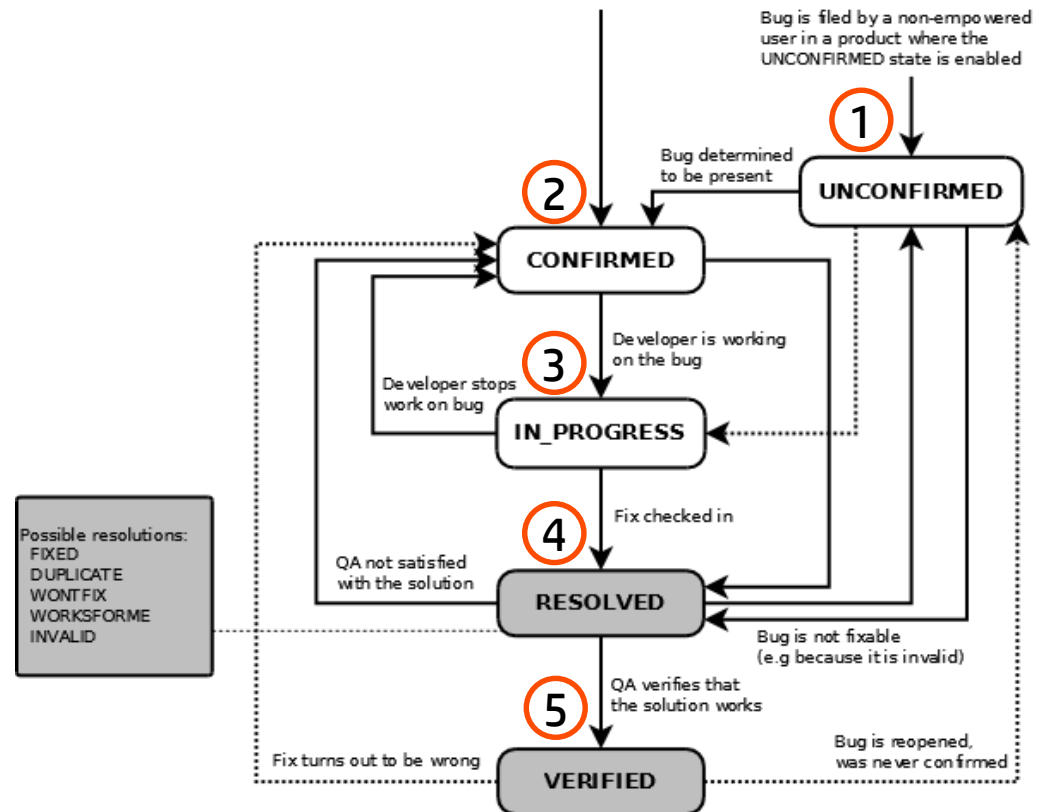
- Transparency
- Generate Reports
- Nag mails

Does not apply to proprietary code, packages

# Defect workflow

Tianocore will adopt the Bugzilla workflow describes 5 states for an issue through the workflow.

- Applies to all packages
- Maintainers will manage bugs for their packages
- Committee formed for triage at (1), while maintainers can contribute directly (2)
- Development assigned at (3) to community of developers, tracked by release
- Enlist the community to validate (5)



# Opportunity

## Tianocore 2016 plan has opportunities:

- Can we achieve critical mass of contributions to demonstrate ROI?
- How can we allow companies to focus on value-add<sup>1</sup> firmware?
- What can be done to Improve the quality of the core software?

<sup>1</sup> Value-add does not mean “bug fixes”

# More details...

Visit <http://Tianocore.org> for more details on how to contribute.

- GitHub tutorial, guide on the web portal
- Participate in the Tianocore email alias [edk2-devel@lists.01.org](mailto:edk2-devel@lists.01.org)
- We're seeking platforms to showcase Tianocore readiness

Please complete our Firmware development survey at:

<http://goo.gl/eAq9E5>

Thanks for attending the  
UEFI Spring Plugfest 2016



For more information on  
the Unified EFI Forum and  
UEFI Specifications, visit  
<http://www.uefi.org>



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