

Condor Release Lifecycle

May 5th 2011

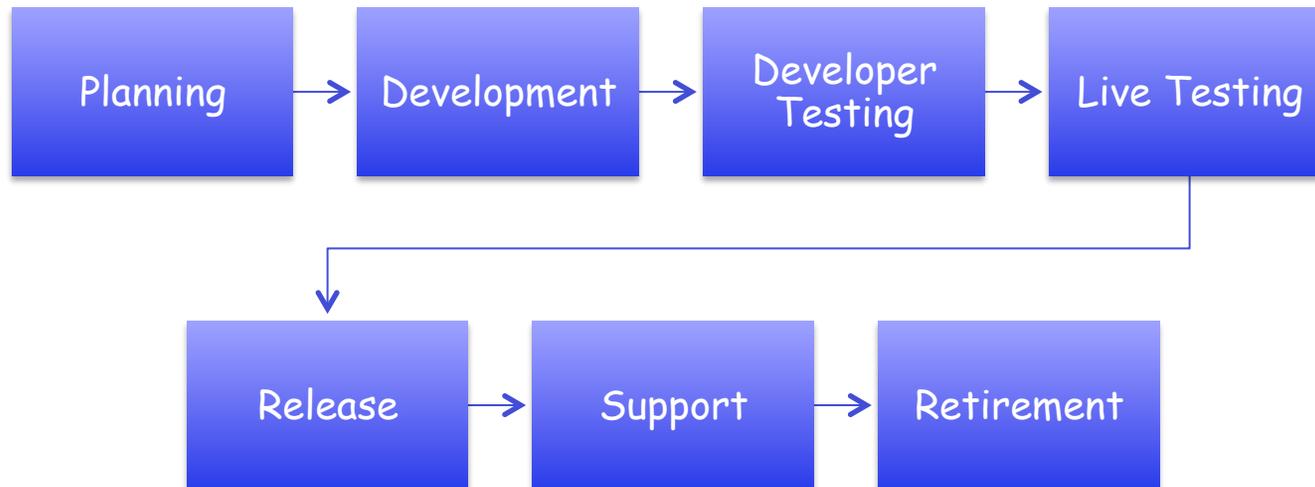
Scot Kronenfeld

Greg Thain

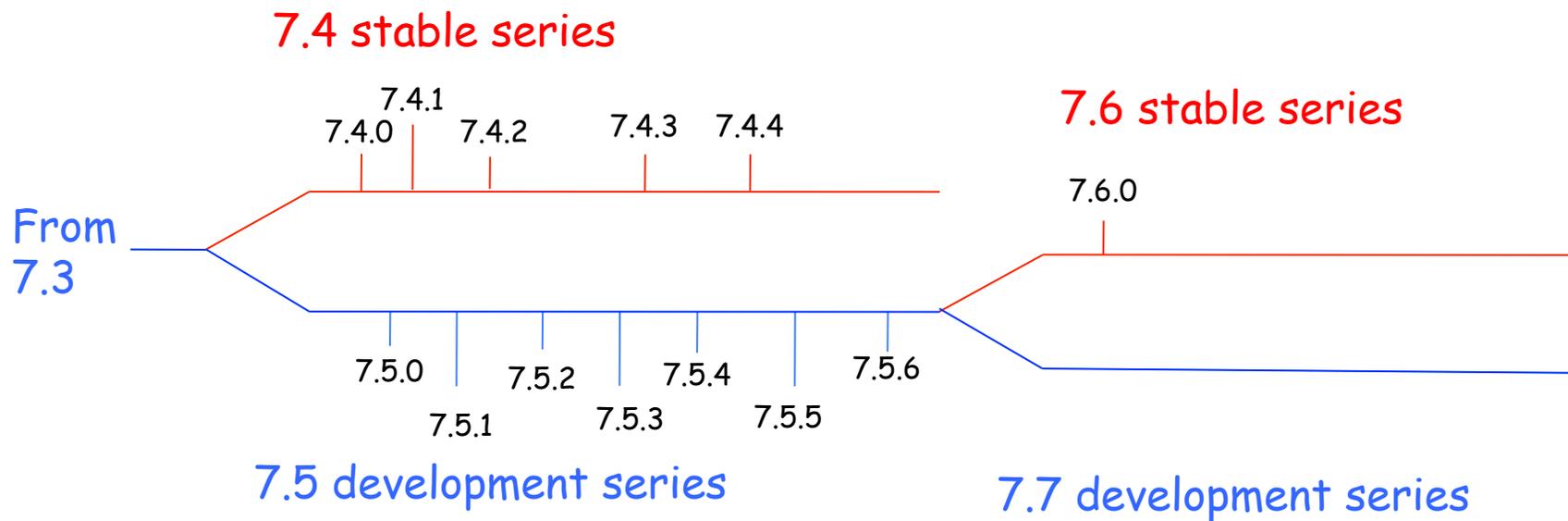


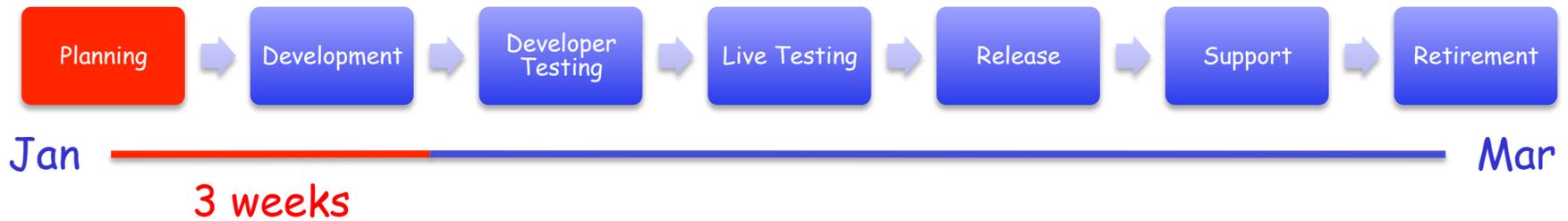
Release Cycle Overview

- > Share our release process
- > Define development vs. stable



Stable vs. Development





- Todd Tannenbaum's talk will discuss upcoming features in Condor 7.7 and beyond.

Scheduling

IPv6

Integrate
w/
Twitter

cgroups

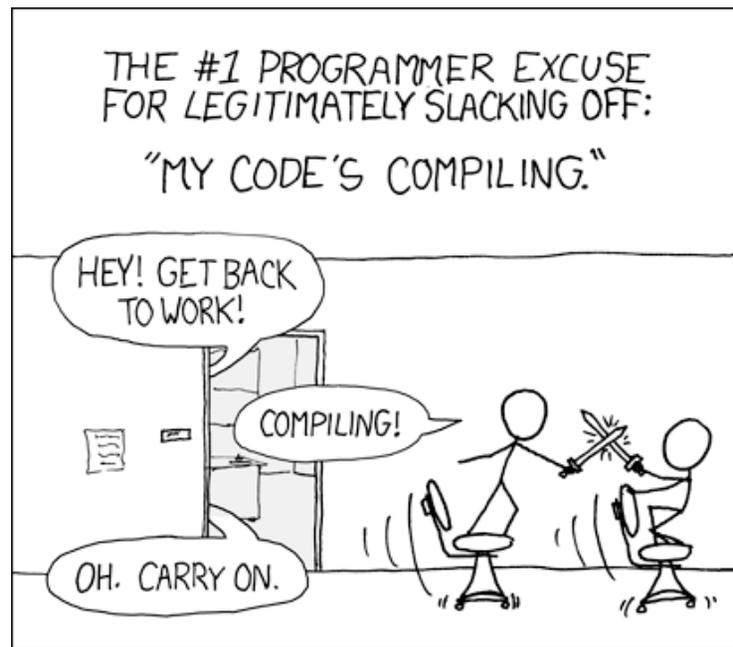
Port to
iPad



Jan

Mar

4 weeks



Gittrac: <https://condor-wiki.cs.wisc.edu/index.cgi/wiki>



Jan

Mar

4 weeks

Dashboard: <http://nmi-s006.cs.wisc.edu/results>

Continuous Builds
 Continuous blacklist: x86_deb_5.0, x86_64_rhap_5.3-updated
 Days: Show

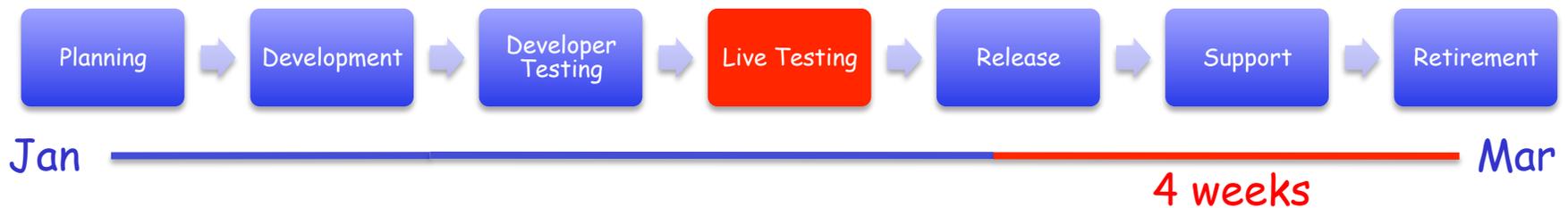
Hover here to have this section explained

x86_64_opensuse_11.4-updated	Build	15 14 13		11	09	01		19 18 17	16	15	14	13		11	09		01		19 18 17	16 15	14 13	11	09	01	19
	Test																								
x86_64_rhap_5	Build	15 14 13	12	11 10	08 01 22	20 19 18 17		16	15 14		13 12		11 10		08	00 22 20 19 18		17	16 15	14 13 12	11 10		08 01 22 20 19		
	Test																								
x86_rhas_3	Build	15 14 13	12	11 10	08	22	20 19 18 17	16	15	14	13		12 11 10		08	22 20 19 18 17		16 15	14 13 12	11 10		08	22 20 19		
	Test							1					1												
x86_winnt_5.1	Build	16 15 14 13	12	11 10	08		20	18 17	16	15	14 13		12 11 10		08		20	18 17	16	15 14 13 12	11 10		08	20	
	Test																1								

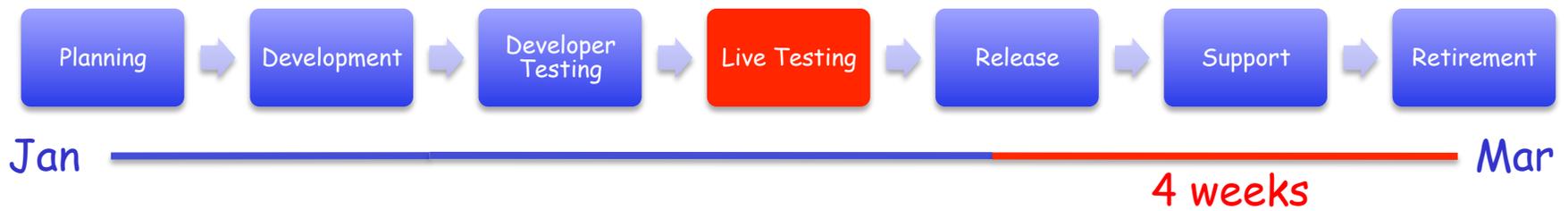
Auto builds - user 'cndrauto'

Branch	Runid	Submitted	Build Results	Test Results	Cross Test Results
trunk	329903	2011-04-26 22:32:07	PASSED Passed 9 Pending 0 Failed 0	PASSED Passed 9 Pending 0 Failed 0	FAILED Passed 15 Pending 0 Failed 5
NMI Ports - trunk	329908	2011-04-26 23:01:35	PASSED Passed 8 Pending 0 Failed 0	FAILED Passed 1 Pending 3 Failed 3	
V7_6_0-branch pin 2012-04-17 16:46:18	327697	2011-04-17 22:31:48 9+ days old	PASSED Passed 8 Pending 0 Failed 0	PASSED Passed 8 Pending 0 Failed 0	FAILED Passed 13 Pending 0 Failed 2
NMI Ports - V7_6_0-branch	327701	2011-04-17 23:00:28 9+ days old	FAILED Passed 5 Pending 0 Failed 1	FAILED Passed 4 Pending 0 Failed 1	
V7_6-branch	329902	2011-04-26 22:31:46	PASSED Passed 8 Pending 0 Failed 0	FAILED Passed 7 Pending 0 Failed 1	FAILED Passed 12 Pending 0 Failed 4

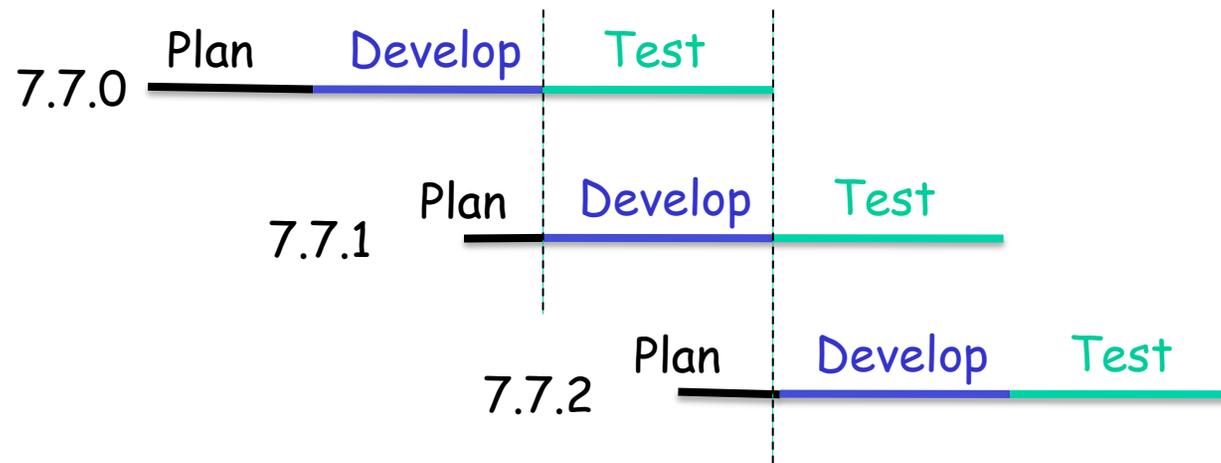




- > Local:
 - > Center for High Throughput Computing
 - > Build and Test Lab
- > Community:
 - > UC San Diego / Fermi: Glidein stress test
 - > Brookhaven National Laboratory: Condor-G test
- > More testing is welcome!
 - > LIGO: standard universe regression test



Develop and testing happen in parallel:







> Native packages:



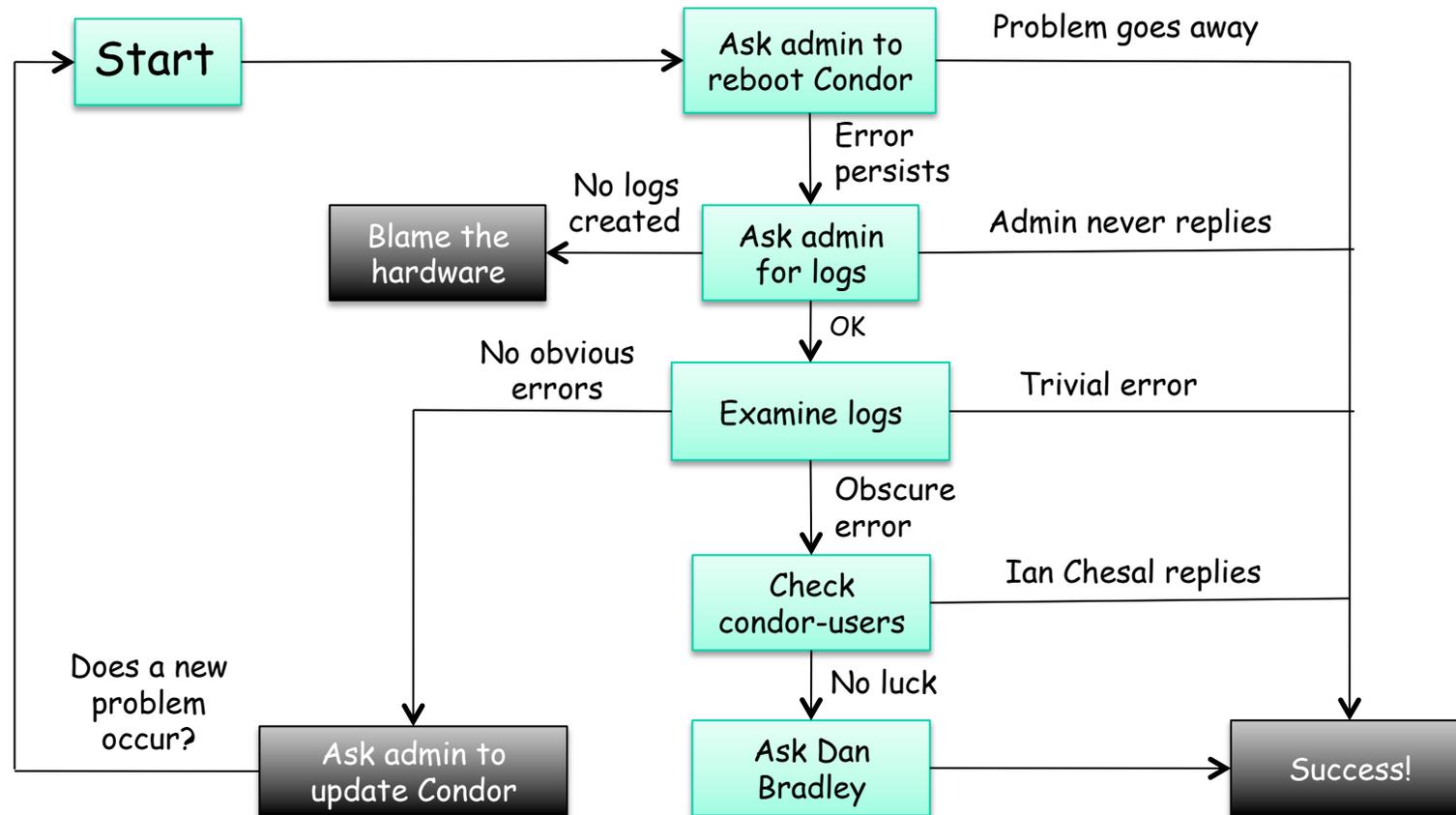
> Wikipedia

http://en.wikipedia.org/wiki/Condor_High-Throughput_Computing_System

The screenshot shows the Wikipedia article page for 'Condor High-Throughput Computing System'. It includes the Wikipedia logo, a navigation menu with links like 'Main page', 'Contents', and 'Random article', and the main text of the article. The article text describes Condor as an open source high-throughput computing software framework for coarse-grained distributed parallelization of computationally intensive tasks. It mentions that Condor runs on Linux, Unix, Mac OS X, FreeBSD, and contemporary Windows operating systems. It also states that Condor is developed by the Condor team at the University of Wisconsin–Madison and is freely available for use under the Apache License 2.0.



Condor Support Dialogue:





- > Development team is our support team
- > Support previous 18 months



Summary

- > Stable vs. Development
- > Want to contribute?
 - Feature requests
 - Provide patches
 - Ideas for testing
 - Run pre-releases
 - Run developer releases
 - Condor-users