

Come nasce una release di Ubuntu: Il release cycle di Natty Narwhal



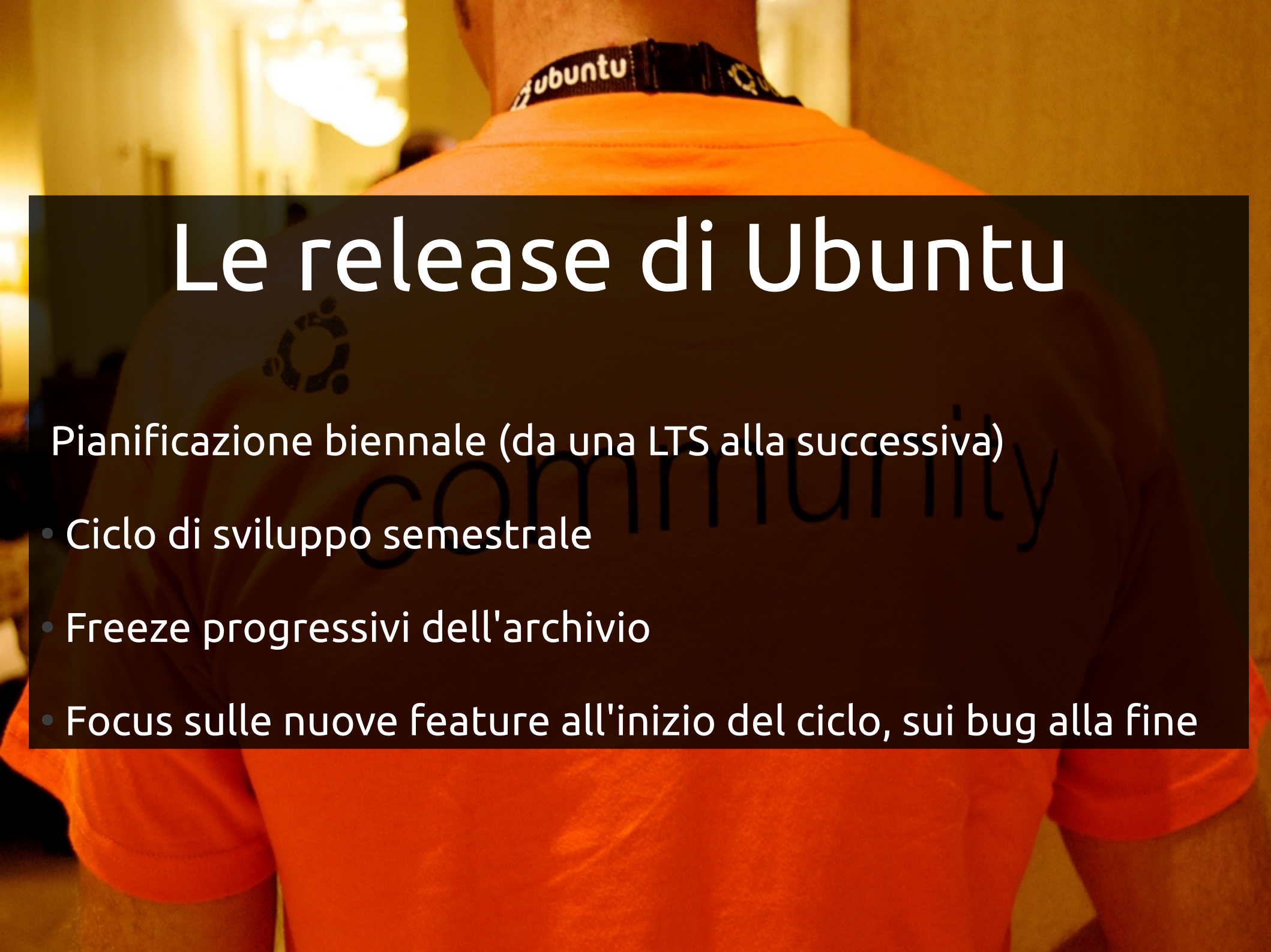
Linux Day 2010
Fermo – 23 ottobre 2010

Andrea Colangelo
Ubuntu Developer

***"Mark Shuttleworth just announced the next Ubuntu
codename..."***

Please please please don't tell me !..

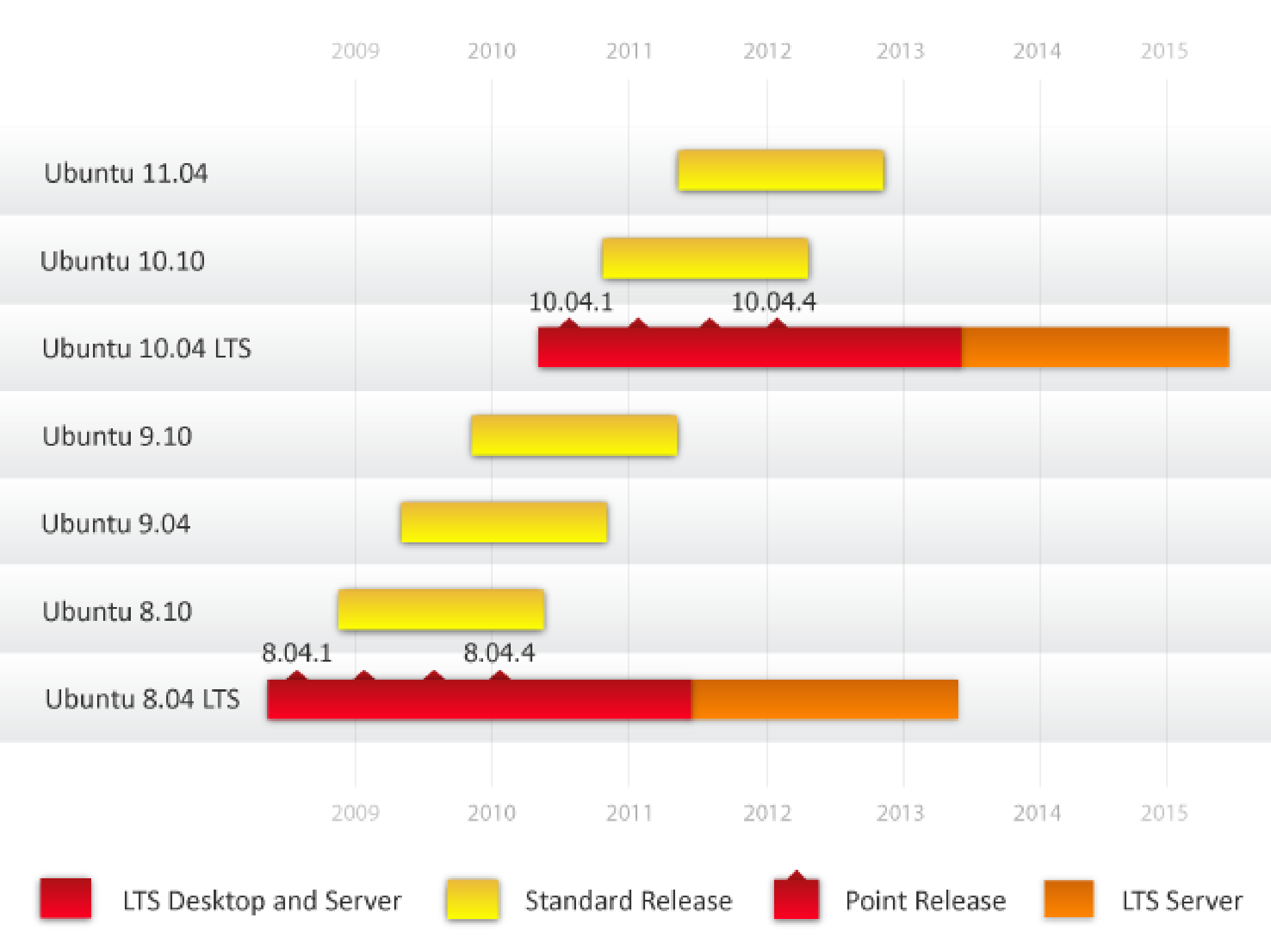




Le release di Ubuntu

Pianificazione biennale (da una LTS alla successiva)

- Ciclo di sviluppo semestrale
- Freeze progressivi dell'archivio
- Focus sulle nuove feature all'inizio del ciclo, sui bug alla fine



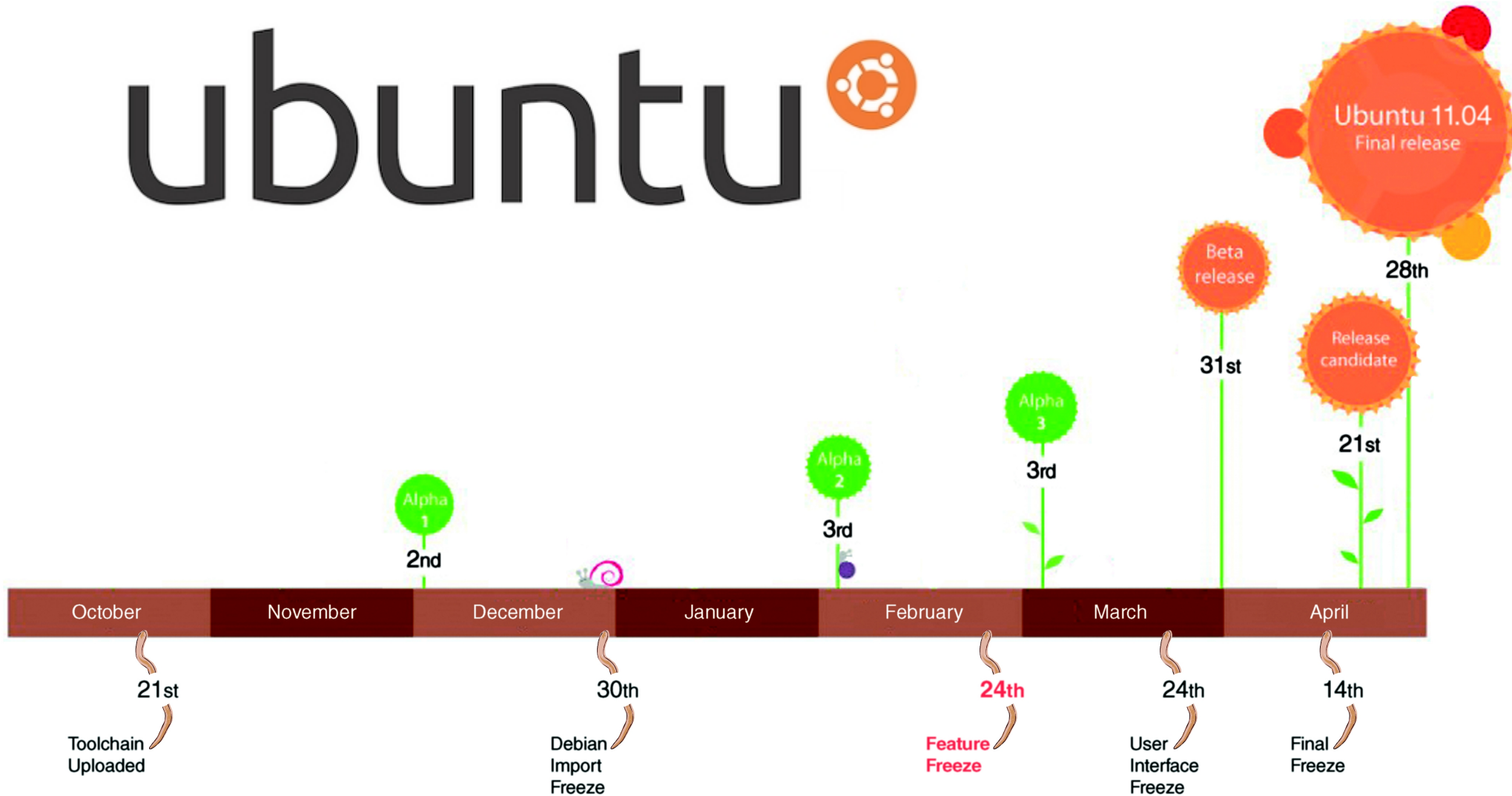
NattyReleaseSchedule

- Please do not edit
- Freezes normally happen at the start of the given date, UTC time. So last minute changes need to happen the day before.
- Some background information and Q&A about the Ubuntu release process can be found on [TimeBasedReleases](#)
- See the [Schedules of other projects](#)

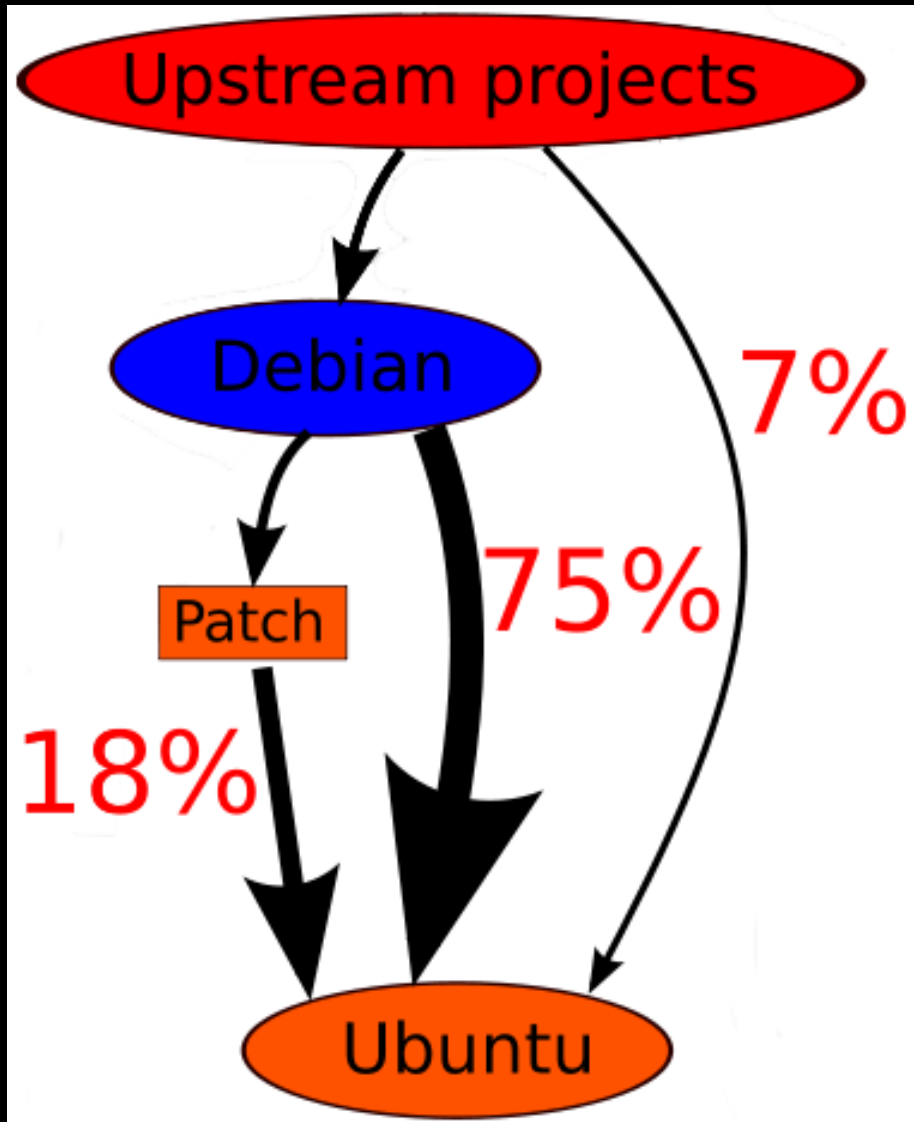
Week	Date (Thursday)	Work Item Iteration	Status	Notes
October 2010				
1	October 21st	A-1		🔗 Toolchain Uploaded
2	October 28th	A-1		🔗 Developer Summit
November 2010				
3	November 4th	A-1		
4	November 11th	A-1		
5	November 18th	A-1		
6	November 25th	A-1	⚠ FeatureDefinitionFreeze	
December 2010				
7	December 2nd	Iteration Planning		Alpha 1
8	December 9th	A-2		
9	December 16th	A-2		
10	December 23rd	A-2		
11	December 30th	A-2	⚠ DebianImportFreeze	
January 2011				
12	January 6th	Iteration Planning		
13	January 13th	A-2		
14	January 20th	A-2		
15	January 27th	A-2		Ubuntu 10.04.2
February 2011				
16	February 3rd	Iteration Planning		Alpha 2
17	February 10th	A-3		
18	February 17th	A-3		
19	February 24th	A-3	⚠ FeatureFreeze	
March 2011				
20	March 3rd	Iteration Planning		Alpha 3
21	March 10th	Beta UI		
22	March 17th	Beta UI		
23	March 24th	Beta UI	⚠ UserInterfaceFreeze , ⚠ BetaFreeze	
24	March 31st	Quality		Beta

Step fondamentali del ciclo di sviluppo di Natty

ubuntu 



Un passo indietro: come si fa una release?



- Tre quarti dell'archivio sono “pura Debian”
- I pacchetti in arrivo da Debian sono “*syncati*” in maniera semi-automatica
- Debian non rilascia su scadenze precise: “*we release when it's ready*” (cit.)

Releases are big!

"Releases are big. You just won't believe how vastly, hugely, mind-bogglingly big they are. You may think it's a long haul to release a single Linux package or application, but that's just peanuts to a Linux distribution release. Because of this, we must work our way up to it, incrementally... bit by bit... milestone by milestone..."

Robbie Williamson, Ubuntu Release Manager

21 Ottobre: Toolchain uploaded

- Toolchain: software per compilare i pacchetti
- Prima di questa data: "*dokoland*" :)
- Dopo questa data: archivio aperto! \o/



25-29 Ottobre: Ubuntu Developer Summit



- Briefing dei problemi apparsi in Maverick
- Definizione delle feature di Natty
- Un'ottima scusa per bere qualche birra con vecchi e nuovi amici. :)

30 Dicembre: Debian Import Freeze

- Fine dei sync automatici da Debian
- Prima del DIF: focus sull'importazione dei nuovi pacchetti (e dei nuovi bug! :))
- Dopo il DIF: sync solo manuali.





24 Febbraio: Feature Freeze

- Momento cruciale del ciclo di rilascio
- Prima del FF: Archivio del tutto aperto
- Dopo il FF: Upload controllati, focus sul bugfix
- Possibilità di eccezioni
- Ruolo importante del release team.



Examples



Install Ubuntu 10.10

24 Marzo: User Interface Freeze

- Prima dell'UIF: possibili cambi nell'interfaccia
- Dopo l'UIF: ulteriori difficoltà negli upload
- Perché blindare l'interfaccia?
- Importanza dei Team Traduzioni e Documentazione.

14 Aprile: Final Freeze

EXTREMELY anal-retentive, high-caution period until the [FinalRelease](#) goes out. [ReleaseTeam](#) and relevant section team confirmed fixes only!

- Ci siamo quasi!
- Prima del FF: Archivio già sotto stretto controllo
 - Exceptional circumstances
- Dopo il FF: Archivio quasi completamente blindato
- Solo bug Release-Critical e Security-Critical

FinalFreeze (last edited 2010-09-14 21:31:59 by [Robbie Williamson](#))

[NattyReleaseSchedule](#) » [DebianImportFreeze](#) » [FeatureFreeze](#) » [UserInterfaceFreeze](#) » [FinalFreeze](#) »[Edit](#) [Info](#) [Subscribe](#) [Add Link](#) [Attachments](#) [More Actions:](#) ▼[Find Page](#) [User Preferences](#)

FinalFreeze

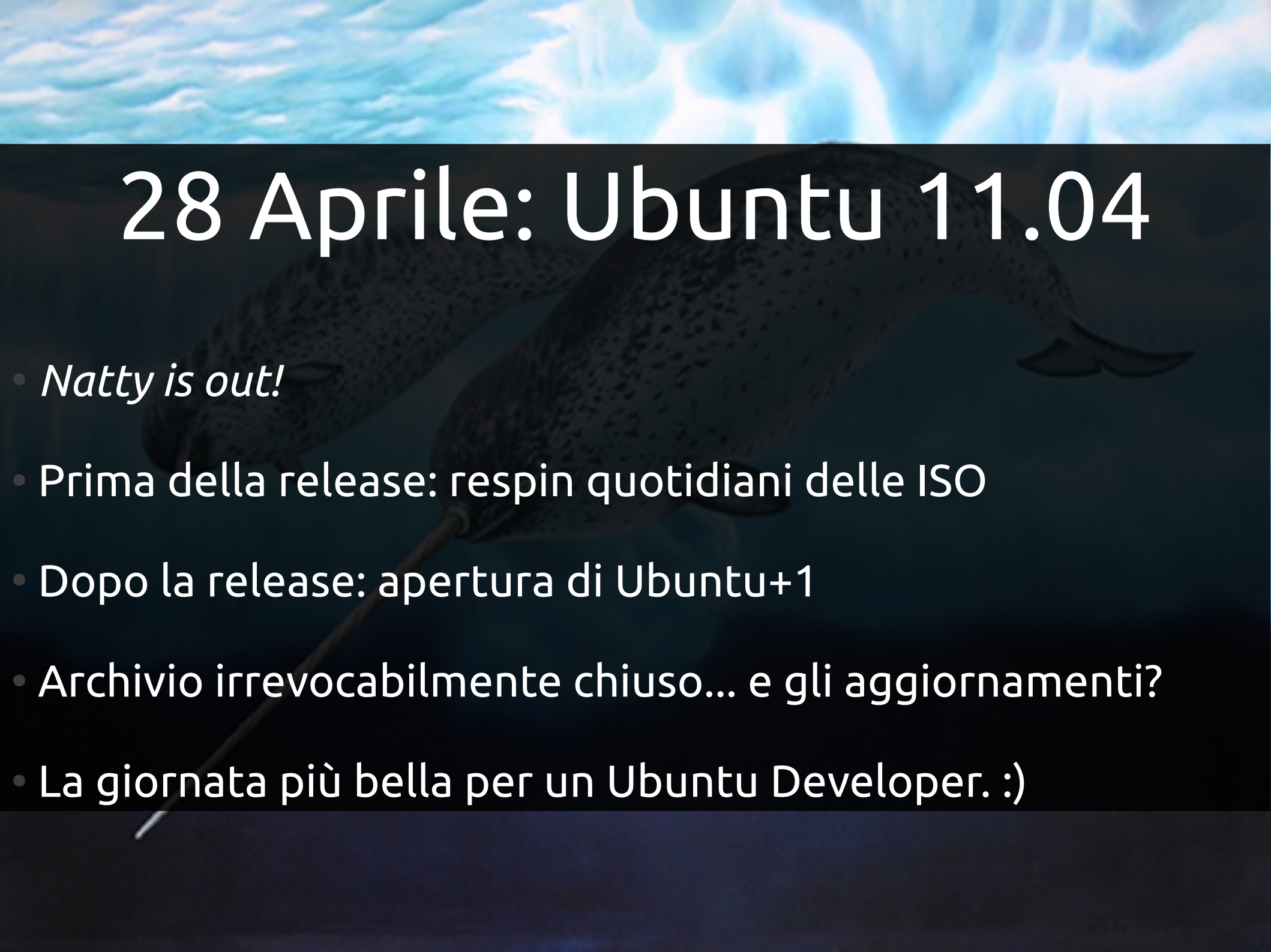
EXTREMELY anal-retentive, high-caution period until the [FinalRelease](#) goes out. [ReleaseTeam](#) and relevant section team confirmed fixes **only**!

Exceptions requiring confirmation:

- Release critical bugs
- Security critical bugs
- Exceptional circumstances
- Acts of God, Buddha, Vishnu, Zeus, etc

For packages in universe that aren't seeded in any of the Ubuntu flavors, this final freeze is nominal; packages must be manually accepted by the archive admins, but no additional approval is required.

FinalFreeze (last edited 2010-09-14 21:31:59 by [Robbie Williamson](#))



28 Aprile: Ubuntu 11.04

- *Natty is out!*
- Prima della release: respin quotidiani delle ISO
- Dopo la release: apertura di Ubuntu+1
- Archivio irrevocabilmente chiuso... e gli aggiornamenti?
- La giornata più bella per un Ubuntu Developer. :)



Ubuntu Wants You!

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