

LibreOffice Release Process

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Content

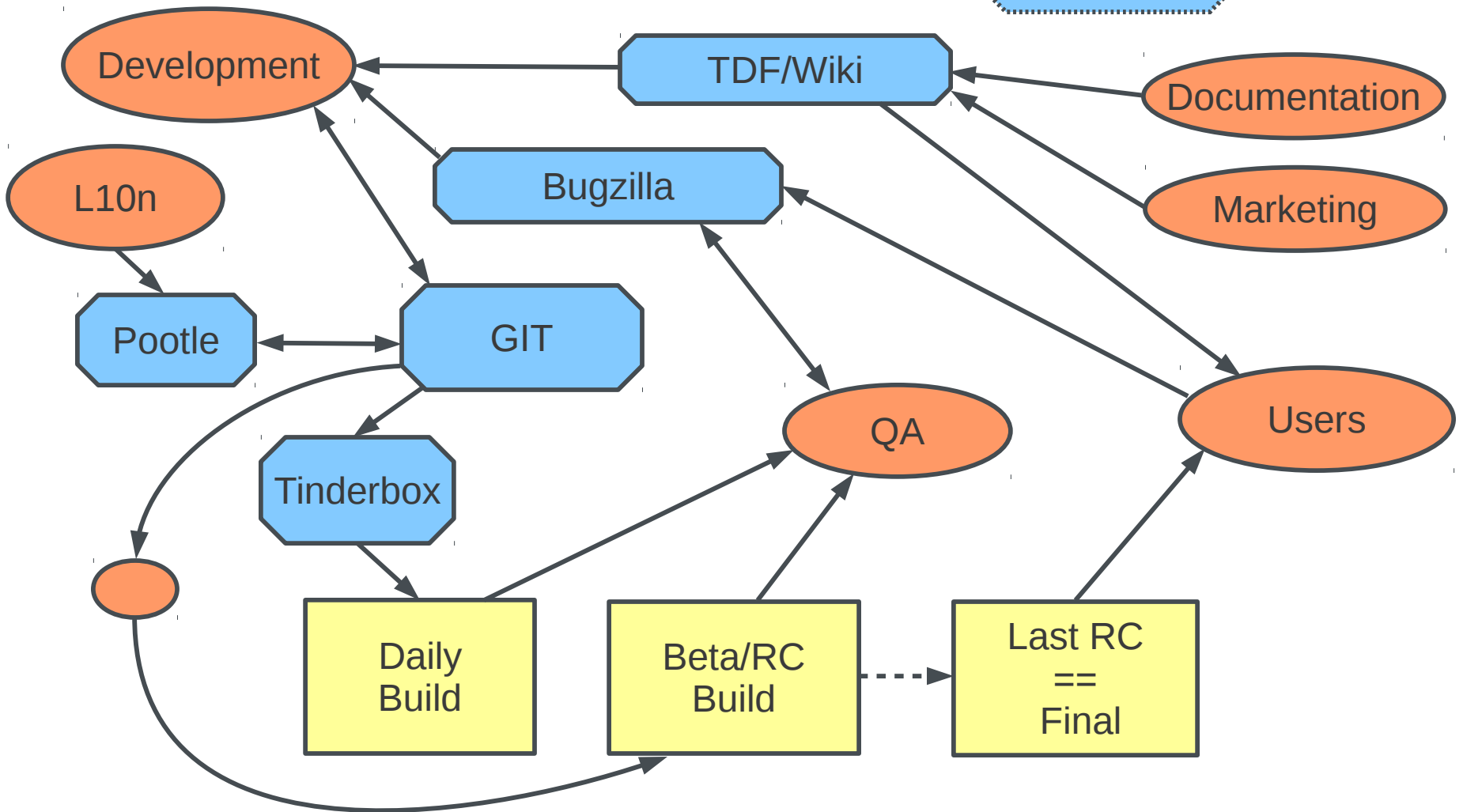
- who makes it happen
- why time based release
- from one build to the release cycle
- challenges

Who Makes it Happen

Teams and Collaboration

IRC

Mailing list



Why Time Based Release

Time Based Release

- predictable releases
 - every month vs. long delay
 - synchronization with other projects
- enforces discipline and reduces stress
 - missed train
 - next one is close
- makes happy enthusiasts and conservative users
 - get what you expect
 - use what you want

From One Build to the Release Cycle

One Build

- commit deadline (Monday)
 - volunteers working over the weekend; changed minds
- review pending fixes (Monday, Tuesday)
- tag (Tuesday)
- build for Windows, Linux, Mac (Tuesday to Thursday)
 - one day is enough when no problems appear
- upload to pre-prerelease ftp (Wednesday or Thursday)
- upload to mirrors (Thursday or Friday)
- announce (Thursday or Friday)

One Release – part A










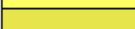
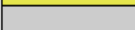


- free development
 - features
 - more complicated or less annoying bugs
 - code clean up
- feature freeze
 - no big changes after this point
 - modify strings only when important
- beta phase (branch libreoffice-x-y)
 - bugfixing without review
 - late features need two approvals with different affiliation

One Release – part B

- hard string freeze
- rc phase
 - fixes need one review
- final stabilization phase
 - branch libreoffice-x-y-0
 - only super safe (translation) fixes; need 3 reviewers
 - must not trigger another long testing round
- last rc build == x.y.0 release
- bug fix releases
 - like rc + final stabilisation phases
 - every month in the beginning until stable; less frequent later

Release cycle

Year	Month	V3.5	V3.6	V3.7	V3.8
2011	September	Free development almost not affected by other release	Free development for large features	Free development for large features	Free development for large features
	October	Free development almost not affected by other release	Free development for large features	Free development for large features	Free development for large features
	November	Free development almost not affected by other release	Free development for large features	Free development for large features	Free development for large features
	December	Beta phase after feature freeze	Free development heavily affected by another bugfix release	Free development for large features	Free development for large features
2012	January	RC phase for early releases	Free development less affected by another bugfix release	Free development for large features	Free development for large features
	February	Final stabilisation for early releases	Free development less affected by another bugfix release	Free development for large features	Free development for large features
	March	RC phase for early releases	Free development less affected by another bugfix release	Free development for large features	Free development for large features
	April	Beta phase after feature freeze	Free development less affected by another bugfix release	Free development for large features	Free development for large features
	May	Beta phase after feature freeze	Free development almost not affected by other release	Free development for large features	Free development for large features
	June	RC phase for pretty stable product	Beta phase after feature freeze	Free development heavily affected by another bugfix release	Free development for large features
	July	RC phase for pretty stable product	RC phase for pretty stable product	Free development heavily affected by another bugfix release	Free development for large features
	August	RC phase for pretty stable product	Final stabilisation for pretty stable product	Free development heavily affected by another bugfix release	Free development for large features
	September	RC phase for pretty stable product	Final stabilisation for pretty stable product	Free development heavily affected by another bugfix release	Free development for large features
	October	RC phase for pretty stable product	Beta phase after feature freeze	Free development less affected by another bugfix release	Free development for large features
	November	RC phase for pretty stable product	Beta phase after feature freeze	Free development almost not affected by other release	Free development for large features
	December	RC phase for pretty stable product	RC phase for pretty stable product	Beta phase after feature freeze	Free development heavily affected by another bugfix release
2013	January	RC phase for stable product	RC phase for stable product	RC phase for early releases	Free development heavily affected by another bugfix release
	February	RC phase for stable product	RC phase for stable product	Final stabilisation for early releases	Free development heavily affected by another bugfix release
	March	RC phase for stable product	RC phase for stable product	RC phase for early releases	Free development heavily affected by another bugfix release
	April	RC phase for stable product	RC phase for stable product	Beta phase after feature freeze	Free development less affected by another bugfix release
	May	RC phase for stable product	RC phase for stable product	Beta phase after feature freeze	Free development almost not affected by other release

Legend	
	freedevelopment for large features
	free development heavily affected by another bugfix release
	free development less affected by another bugfix release
	free development almost not affected by other release
	beta phase after feature freeze
	rc phase for early releases
	final stabilisation for early releases
	rc phase for pretty stable product
	final stabilisation for pretty stable product
	rc phase for stable product
	final stabilisation for stable product
	rc hase just for security and critical fixes
	final stabilisation for security and critical fixes

Challenges

Challenges

- balance work on features and bugs
- sell your great work; mention features in wiki
- keep daily builds available and usable; test them
- more test automatization
- more release build automatization

Keep the great work
Improve LibreOffice
Have fun

Thank you.



12th-15th October