

# OTB Users Days 2016

One year of Open Governance for OTB: thoughts and context

OTB Team



07/06/2016



# Happy birthday PSC !

- ▶ One year ago, CNES decided to set-up an open-governance for OTB
- ▶ We now have a working PSC, with :
  - ▶ Members
  - ▶ Rules
  - ▶ Decisions

Name	Affiliation	Role
Manuel Grizonnet (chair)	CNES	Infrastructure, legal issues
Rémi Cresson	IRSTEA	Release Manager for release 5.2
Guillaume Pasero	CS-SI	release planner
Jordi Inglada	CNES/CESBIO	User support, roadmaps
Julien Michel	CNES	Communication, contributions

# PSC, git workflow, release process : high coupling

PSC established (or endorsed) a set of highly coupled process :

- ▶ RFC process
- ▶ The git workflow
- ▶ The testing/dashboard strategy
- ▶ The release process
- ▶ The packaging strategy

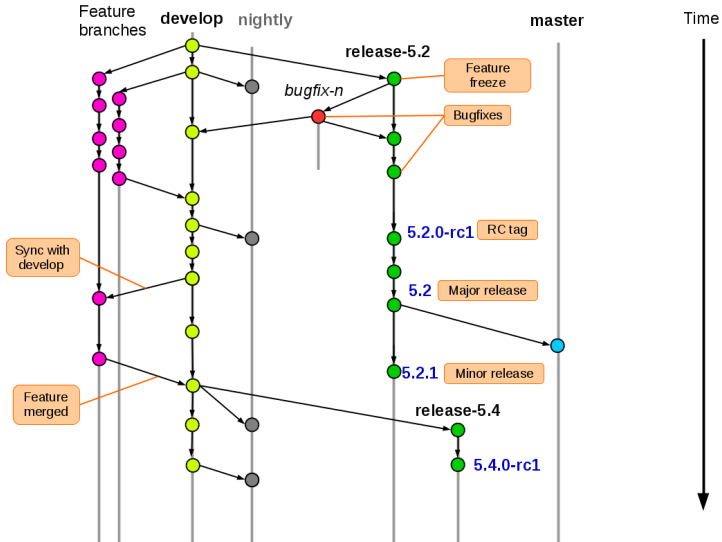


# A short reminder of RFC process

- 1 Request for Comments
- 2 Comments and discussions
- 3 Developments
- 4 Requests for changes
- 5 Review
- 6 PSC Vote
- 7 Request for Merge
- 8 Approval by Release Manager
- 9 Merge



# A short reminder of Git workflow



# A short reminder of release process

- 1 Release manager accepts Requests for Merge corresponding to PSC approved Request for Changes
- 2 Every 3 months, at a planned date, Release Manager branches develop which becomes the Release Candidate
- 3 After one or two weeks of testing and fixing, release is announced



# Facts and figures

## Request for changes

[http://wiki.orfeo-toolbox.org/index.php/Requests\\_for\\_Changes](http://wiki.orfeo-toolbox.org/index.php/Requests_for_Changes)

- ▶ OTB 5.2 : 19 Requests for Changes
- ▶ OTB 5.4 : 14 Requests for Changes
- ▶ Pending : 7 Requests for Changes

## Requests for comments

[http://wiki.orfeo-toolbox.org/index.php/Requests\\_for\\_Comments](http://wiki.orfeo-toolbox.org/index.php/Requests_for_Comments)

- ▶ 31 Requests for Comments



## ... for users

- ▶ Every significant ongoing or passed change is now public and visible
- ▶ Users have the opportunity to comment on pending Request for Changes during review
- ▶ There are more details available on why and how things were done (and discussions)
- ▶ Users can file new Request for Comments to request new features
- ▶ Releases are more frequent



## ... for contributors

- ▶ There is a clear and detailed process on how to get your code in OTB
- ▶ Contributors are guaranteed to be treated with equity
- ▶ They know the deadline to get their feature into next release

## ... for developers

- ▶ No more silent merging of your 100+ commits branch
- ▶ Some adjustments needed :
  - ▶ Accept comments from review
  - ▶ Getting the code merged takes more time
- ▶ On the bright side, less surprises on the *develop* branch
- ▶ They know the deadline to get their feature into next release



# Are we making a better OTB ?

## Pros.

On the overall, I think that we do.

- ▶ we have more code reviews, from external reviewer (Luc, are you there?)
- ▶ Changes are more consistent because they belong to the same RFC
- ▶ Everyone gets to give his opinion
- ▶ New features are more visible



# Are we making a better OTB ?

## Cons.

- ▶ PSC is still small and has a lot of CNES in it
- ▶ Apart from CNES/CS funded by CNES/CS, we have very few requests for changes
- ▶ We do Gerrit. By Hand.
- ▶ We still have broken dashboards, packages, and third party issues

## Is voting really required ?

- ▶ PSC never voted -1 (or even +0)
- ▶ Upon RFC, what really happens :
  - ▶ PSC members (and others) make comments
  - ▶ No vote is casted until those comments are addressed
- ▶ Indeed no RFC has been rejected
- ▶ But some are still waiting for enough +1
- ▶ Shall we replace vote by a simpler approval system ?



# Do comments become changes ?

## Request for comments

- ▶ We have a lot of Request for Comments
- ▶ They describe some new idea, like a white-paper
- ▶ Once the idea is submitted, they do not remain active very long

## Request for changes

- ▶ We have a lot of request for changes that do not come from request for comments
- ▶ It means that work is already done and we can only discuss the details
- ▶ Sometime review shows that the feature was in fact unclear
- ▶ Make it mandatory ?

## PSC meetings

- ▶ There has been 3 IRC meeting in between 2015 and 2016 user days
- ▶ Logs and minutes are available on the wiki
- ▶ A face to face meeting is planned during 3rd day (Hackfest)
- ▶ Meetings are too long should we do them more often ?
- ▶ Only place where important matters (other than RFC) are discussed

