

# ofbizextra-addons, what constraints for each repository

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# Agenda

- Why to use OFBiz-extra rather than to include it in Apache-OFBiz?
- ofbizextra-addons Goals
- Rules and Constraints by Repository
- Process to change
- Conclusions

# Why OFBiz-extra and not in Apache-OFBiz?

- Slim-down process in Apache-OFBiz project
- Several technologies for the same function
  - ✓ *Ex : jasperReport, Birt, ...*
- Licence
  - ✓ *Ex : GPL*
- Personal decision  
versus Apache-OFBiz PMC decision
- Work in progress
- OOTB solutions for dedicated Business

## ofbizextra-addons Goals

- Facilitate and simplify :
  - Contribution to OFBiz
  - Using / Testing added functions
  - Community and/or OFBiz-commmitter validation
- Increase :
  - Quality and use of Best Practice
  - OFBiz functionalities without weighing down kernel
- Propose OOTB dedicated solutions for users

# How many ofbizextra repositories?

- Proposition : only 3 to begin with
  - ✓ *ofbiz-extra-addons-dev*
  - ✓ *ofbiz-extra-addons-incubator*
  - ✓ *ofbiz-extra-addons*
- Questions to discuss
  - User and developer readability
    - ✓ *Quality and Support*
  - Licence constraints, commercial versus free
  - Function addons versus Solution addons
  - Authorizations management

## ofbiz-extra-addons-dev

- This project is **open for all contributors** who want to create or maintain apache-ofbiz addons.
- This project has **no quality or best practice control**, each contributor should try to do the best he can.
- If a user wants to use an existing addon in this repository, he should know that maybe addon :
  - ✓ *is not completely finished*
  - ✓ *is not available for all ofbiz releases*
  - ✓ *has not a complete addon help*
  - ✓ *has not a complete user help*
  - ✓ *has no junit test for all services*
  - ✓ *has no selenium test for all portlet-screens*

But maybe, it answers exactly your request !

## ofbiz-extra-addons-incubator

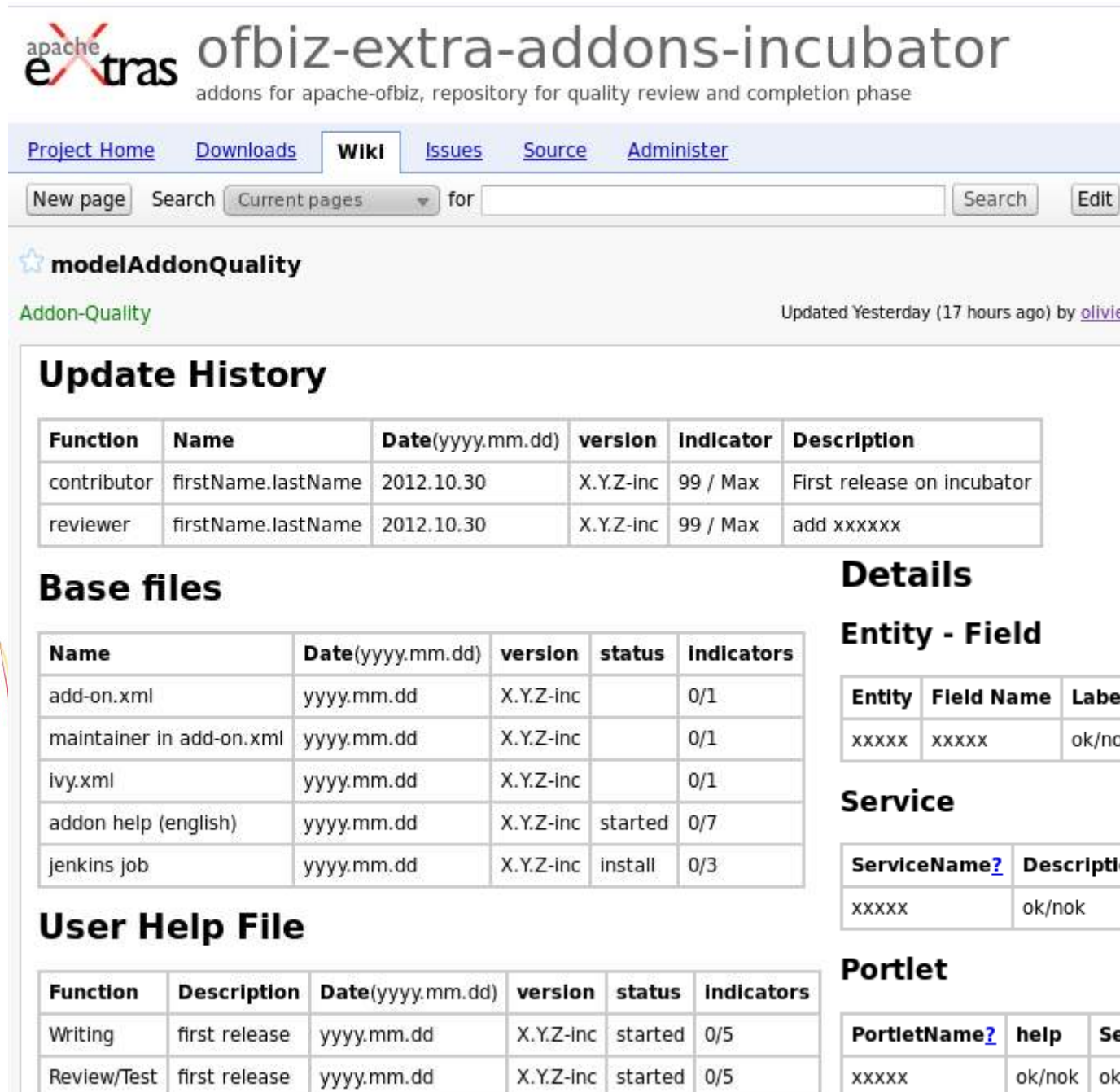
- This project is open for all Apache-OFBiz addons that should become :
  - part of ofbiz addons labeled "Quality" repository (ofbizextra-addons),
  - or part of Apache ofbiz project.
- Addons of this project are in a **Quality, Best Practice evaluation and enhancement**.
- There is, at least, one organization / person that is involved to solve bugs or to offer support services for this addon.

## ofbiz-extra-addons

- Repository of the addons labeled "**Quality**"
- In the future, a similar repository can be created as an Apache-OFBiz sub-project (for addons with Apache2 licence)
- There is, at least, one organization / person that is committed to offer support services for this addon.
- Addons
  - Have a **complete user help**
  - are included in a Continuous Integration Job :
    - ✓ *Installation test*
    - ✓ *Unit test : Junit*
    - ✓ **Functional test** : *Selenium*



# Addon Quality status page



Project Home Downloads **Wiki** Issues Source Administer

New page Search Current pages for Search Edit

☆ **modelAddonQuality**  
Addon-Quality Updated Yesterday (17 hours ago) by [olivier](#)

### Update History

Function	Name	Date(yyyy.mm.dd)	version	Indicator	Description
contributor	firstName.lastName	2012.10.30	X.Y.Z-inc	99 / Max	First release on incubator
reviewer	firstName.lastName	2012.10.30	X.Y.Z-inc	99 / Max	add xxxxxx

### Base files

Name	Date(yyyy.mm.dd)	version	status	Indicators
add-on.xml	yyyy.mm.dd	X.Y.Z-inc		0/1
maintainer in add-on.xml	yyyy.mm.dd	X.Y.Z-inc		0/1
ivy.xml	yyyy.mm.dd	X.Y.Z-inc		0/1
addon help (english)	yyyy.mm.dd	X.Y.Z-inc	started	0/7
jenkins job	yyyy.mm.dd	X.Y.Z-inc	install	0/3

### User Help File

Function	Description	Date(yyyy.mm.dd)	version	status	Indicators
Writing	first release	yyyy.mm.dd	X.Y.Z-inc	started	0/5
Review/Test	first release	yyyy.mm.dd	X.Y.Z-inc	started	0/5

### Details

#### Entity - Field

Entity	Field Name	Label	Field Description	version	Indicators
xxxxx	xxxxx	ok/nok	ok/nok	X.Y.Z-inc	0/2

#### Service

ServiceName?	Description	Junit	version	Indicators
xxxxx	ok/nok	JunitName?	X.Y.Z-inc	0/2

#### Portlet

PortletName?	help	Seed Data	parameters	security	selenium	version	Ind
xxxxx	ok/nok	ok/nok/NA	ok/nok/NA	ok/nok	sc/ok/nok	X.Y.Z-inc	0/6

- In edit mode, there are comments that detail how to fill in the information
- Currently, only manually typed, maybe it will be necessary to have tools to simplify the filling

# Reminder : Bug definition

## ■ Technical bug

- ✓ *System messages*
- ✓ *Screen action disrupted*
- ✓ *Non-working button, not a label but a code, ...*

## ■ Functional bug

- ✓ *a deviation from what is in the user help*
- In the user help, it's possible to have a “Future functions” section to describe all the functions that don't exist ;-)

# Addon version and repositories

- Addon release reminder : W.X.Y.Z-xxx
  - 1) W for marketing decisions
  - 2) X, +1 for each new function
  - 3) Y, +1 for each correction
  - 4) Z, +1 when a dependency version has changed
  - 5) -xxx, none or -dev or -inc or -branchNumber to be more clear for end users
- Branch in a repository
  - One for each ofbiz release branch (will start with 13.04)

# Addon version change

- The evolution of the Addon version is not linked to changes in repositories
  - ✓ *Except suffix, ex: 0.5.4-dev becomes 0.5.4-inc*
- No mandatory rules for version change when starting in incubator or in Quality repository
  - It's possible to change the first or the second figure
  - It's advisable to change for ivy selection
    - *e.g. Get first=true or false in ivysettings*

# Conditions to be in Incubator

- The minimum is :
  - 1) add-on.xml and ivy.xml correct
  - 2) a jenkins job for install testing
  - 3) addon help wiki page finished
  - 4) Quality status wiki page created with all boxes
  - 5) One review for User Help section
- Authorized to commit only for
  - Addon maintainer

# Condition to return to dev

- More than 5 consecutive weeks with only failing install test jobs
- No answer for user help questions
  - ✓ *Answers can be an assistance proposal*
  - ✓ *If the user help is not completed*
- No answer from the maintainer
  - ✓ *It's possible to change the addon maintainer if other people do it*
- New function posted without user help or addon goal change
  - ✓ *Quality regression*
- No support for a new future release-branch
  - ✓ *Ofbiz trunk branch support is not mandatory*

# Conditions to become:

## ■ Part of Apache-ofbiz

### □ Rules of Apache-OFBiz

- ✓ *The quality status will help the committer to assess the contribution*
- ✓ *The evaluation in the incubator can be done by other people than the committer, so as to help the apache-ofbiz committer*

## ■ In the ofbiz-addons repository labeled “Quality”

- All Quality status page items are OK
- 5 consecutive weeks with at least one day per week with a successful jenkins job (install+unit+functional)
- 2 other addon maintainers ready to become “maintainer deputy” (in two other companies)

## Condition to “go back” to:

### ■ Incubator

#### □ Quality regression:

- ✓ *New function posted without user help or addon goal change*
- ✓ *New service without Junit test*
- ✓ *New portlet without selenium test*

#### □ Or revert commit in ofbizextra-addons and commit new addon in dev or incubator

### ■ Dev

- #### □ More than 5 consecutive weeks with only failing “install-unit-functional test” jobs



# Decision Vote

- Using mailing-list
  - Addon maintainers
  - End user for user help quality evaluation



# What exist, what is ready

addonmanager	ready to use for experienced developer, not for beginner or end user	3/5
adr Addon repository manager	operational, little problem with google code access	4/5
ofbiz-extra-addons-dev	Exists, contains 4 addons for OFBiz PortletWidget branch	4/5
ofbiz-extra-addons-incubator	Exists, work in progress, not yet an addon, the first one will be adm-gui	2/5
ofbiz-extra-addons	not created yet	0/5
user help engine	Current ofbiz help system is usable, new help system is better but still with lack of functionality for dynamic helps	3/5
addon help	operational with current ofbiz help system, not with the new one	4/5
quality status page per addon	exists but manual update could be too expensive to be usable	3/5
Junit engine in OFBiz	exists and operational in jenkins environment	5/5
selenium engine in OFBiz	exists, but not integrated in ofbiz and still with random errors with httpunit-webdriver	2/5
ofbizextra jenkins server	not available yet, but jenkins.neogia.org can be used for the first addons	1/5

# Conclusions

- Everything is ready to facilitate contributions
  - Small ones and larger ones
  - Technical or/and functional
  - One function or a Solution
- Everything is ready to continue the Apache-OFBiz Slim-down process
  - ex: Birt
- Everything is ready to start an improvement in quality

# Questions?

