

OCA Code Sprint 2016

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and include it in the OCA blog post

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Wifi welcome page

<https://index08.hoisthospitality.com/accor.php/index/welcomeBack>

List of Participants (please subscribe !)

- Joël Grand-Guillaume - <https://github.com/jgrandguillaume>
- Maxime Chambreuil - <https://github.com/max3903>
- Alexandre Fayolle - <https://github.com/gurneyalex>
- Eric Caudal - <https://github.com/elicoidal>
- Pedro Manuel Baeza - <https://github.com/pedrobaeza>
- Stephane Bidoul
- Simone Orsi
- Denis Leemann
- Cyril Gaudin - <https://github.com/cyrilgdn/>
- Yannick Vaucher - <https://github.com/yvaucher>
- Guewen Baconnier - <https://github.com/guewen>
- Lorenzo Battistini - <https://github.com/eLBati/>

- Omar CHAMI KHAZRAJI
- Damien Crier (damdam-s on Github)
- Pierre Faniel
- Veikko Väättäjä (Unkkuri Oy)
- Guillaume Vandamme (ACSONE)
- Kevin Graveman (Onestein BV)
- Manuel Cordoba
- Saad Ismaili (Morocco)
- Mouad Hamri (Morocco)
- Khalid LAKHSAM
- Alex Comba - <https://github.com/tafaRU>
- Richard Dijkstra (Onestein BV)
- Juan José Scarafía
- Alexandre Dutry
- Raicu Vlad
- Sylvain LE GAL - <https://github.com/legalsylvain>
- Mostafa Helmy (EGYPT) CORE B.P.O
- Ayman El Oraby (EGYPT) CORE B.P.O
- Antonio Espinosa (Tecnativa) - <https://github.com/antespi>
- Jairo Llopis (Tecnativa) - <https://github.com/yajo>
- Rafael Blasco (Tecnativa) - <https://github.com/rafaelbn>
- Jérôme Guerriat
- Van Driessche Jérémy
- Benoît Guillot
- Stefan Rijnhart
- David Béal
- Kari Lindgren, Finland (EM Systems Oy)
- Andrea Stirpe (Onestein BV)
- Satu Lindgren, Finland (BonAlive Ltd)
- Gael Rabier
- Ruzafa Gonzalo
- Samuel Lefever
- Tobias Zehntner
- Michael Michot
- Jean Michel Abé
- Moisés López (Vauxoo)
- Oscar Alcalá (Vauxoo)
- Wolfgang Taferner
- Christian Perreault, MICROCOM, Canada
- Éric Pilon, MICROCOM, Canada
- Martin Malorni, MICROCOM, Canada
- Vincent Gagnon-Coll, MICROCOM, Canada
- Éric Lemire, MICROCOM, Canada

- Stéphane Le Cornec, MICROCOM, Canada
- Valentin Thirion
- Frederik Kramer
- Nicola Malcontenti
- Antonio Esposito (Onestein BV)
- Laurent Mignon (ACSONE)
- Angel Moya
- Denis Roussel
- Luana Duarte (KMEE)
- Guillaume Bauer (Syentys)
- Lionel Furst (Syentys)
- Nicolas Murer (Syentys)
- Paul Catinean (Pledra)
- Dave Lasley
- Sebastien Beau
- [Eric Mortenson](#) (USA)
- Adrien Peiffer (ACSONE)
- Alexis de Lattre (Akretion) - <https://github.com/alexis-via>
- Houssine BAKKALI
- Stéphane Bidoul (ACSONE)
- Jonathan Nemry (ACSONE)
- Thomas Binsfeld (ACSONE)
- Joao Gama (Savoir-faire Linux)
- Bruno Joliveau (Savoir-faire Linux) - <https://github.com/bjoliveau>
- Sylvain Garancher (Syleam)
- Yannis Pou-Vich (Syleam)
- Pierre Verkest (Anybox)
- Jordi Ballester Alomar (Eficent) - <https://github.com/jbeficent>
- Aarón Henríquez (Eficent)
- Mariam Flayyan (Therp)
- Holger Brunn (Therp) <https://github.com/hbrunn>
- Yannick Buron (Clouder) <https://github.com/YannickB>
- Frederik Kramer (initOS)
- Sylvain Van Hoof, Belgium
- Daniel Reis <https://github.com/dreispt>
- Chan Nath

Rules

1. Have fun !
2. Please take a few minutes to report your work in this document
 - *For every topic, give the planning for others to join !*
 - *List your achievements to share it with our community*
3. Everyone make at least one review among [one of those repositories](#) ;)

Planning

- 9h short start up speech, presentation of the rules and sprint tracks
- 9h30 - 12h30 code sprint
- 12h30 - ~14h lunch break
- 14h - 15h lightning talk track
- 14h - 17h code sprint
- 17h - 18h presentation of achievements by each sprint track

Suggested topics

Website CMS improvements (Simone Orsi)

Link: <https://github.com/OCA/website-cms>

Participant:

- Veikko Väättäjä (Unkkuri Oy)
- Nemry Jonathan (ACSONE)
- Denis Leemann
- Van Driessche Jérémy (Niboo)
- Paul Catinean (Pledra)
- Oscar Alcalá (Vauxoo)
- Robert Rottermann (redCOR)
- Pankraz Schmitt (redCOR)
- Jairo Llopis (Tecnativa)
- Antonio Espinosa (Tecnativa)

Planning:

- [Release to OCA \(new repo\) \[simahawk\]\[PR-WIP\]](#)
- [Improve frontend forms \(manage media, reuse backend forms\) \[PCatinean\]\[WIP\]](#)

- independent translations branches (skip odoo translation mechanism on demand via configuration)
- edit permissions control / sharing facilities / notifications, etc
- simplified interface for managing users and groups
- publication workflow management
- content history / versioning
- full text search using PG built-in search engine (see fts modules) [veikko][WIP]
- shorter URLs (drop path ids for instance)
- performance fixes/tuning (use parent_left/right for instance)
- portlets (?)
- collections
- improve test coverage [WIP]
- Example views for listing, images, related pages, etc
- Theme package [denis+jonathan][WIP]
- Basic theme integration in std odoo theme [paul][WIP]

Achievements:

- Whole code review -> clearer roadmap and tons of TODO items
- PR for filtering CMS menus: <https://github.com/simahawk/website-cms/pull/1>
- Frontend form for CMS media
- FTS on the way
- Added tests for controllers + frontend tour

OpenDocument based reporting engine (Alexis De Lattre)

Participant:

- Thirion Valentin (AbAKUS)
- Ruzafa Gonzalo (Adhoc SA)
- Abé Jean-Michel (City of La Bruyère)
- Michot Michael (Imio)
- Ewout Boelsums (Therp)

Planning:

- SWAT of Reporting Engines:
<https://docs.google.com/spreadsheets/d/1YgniNHjEWDHXZkhYWwasxmIkiW734TL143euQ2Sjepc/edit#gid=0>
- Analyze different uses for each one
 - Qweb
 - Advantages and disadvantages
 - Code in XML
 - Limitless
 - Easy to update

- Easy to debug
 - Good for translations
 - Programming in the actual report
 - Potentially Interactive and real time modification reports
 - CCS expert to create reports
 - For calculations, you need to code in python
 - What you see is not always what you get (at least for printing)
- Good and Bad:
 - Good for:
 - Simple documents (representation of the model)
 - Good looking Documents
 - Not good for:
 - Some specific Documents to be printed
 - Standarized Documents
 - Pre Printed Documents
 - Exact measures
- Aeroo
 - Advantages and disadvantages
 - Easy to update
 - Fast to Build
 - What you see is what you get
 - You can make some coding in the template
 - You can use ODT/ODS templates
 - Not interactive reports
 - Difficult for debugging
 - Alistek does not want to take to OCA
 - Design Limitations
 - Good and Bad:
 - Good for:
 - Fixed Reports
 - Printed Reports
 - Table Reports
 - Not good for:
 - Fancy design reports
 - Responsive reports
 - Very complicated reports
- P3O ([doc](#))
 - Advantages and disadvantages
 - You can pick the fields in LibreOffice odt document
 - You can use ODT/ODS templates
 - Fast to Build
 - What you see is what you get

- NOT MUCH TESTING YET
- Design Limitations

■ Good and Bad:

• Good for:

- Fixed Reports
- Printed Reports
- TableReports
-

• Not good for:

- Fancy design reports
- Responsive reports
- Very complicated reports

- Odoo Enterprise Reporting Engine

Achievements:

- Recognizing differences between different Reports Engines
- Designed conceptually a possible web_dynamic_reporting module based on the qweb reports designer
- Created a new repo for development operations
- New PR to add report_py3o in oca/reporting_engine
<https://github.com/OCA/reporting-engine/pull/73>

Electronic Invoicing (Alexis de Lattre)

Participant:

- Alexis de Lattre (Akretion)
- Adrien Peiffer (ACSONE)
- Denis Roussel (ACSONE)
- Houssine BAKKALI(Open Architects Consulting)

Documentation

- Module dependencies diagram :

Working branch : <https://github.com/edi-sprint/edi/tree/8.0-edi-incubator>

Planning:

- Review and test current PR
 - sale-workflow, pending PR:
<https://github.com/OCA/sale-workflow/pull/332>

- purchase-workflow, pending PR:
<https://github.com/OCA/purchase-workflow/pull/267>
- account-invoicing, pending PR:
<https://github.com/OCA/account-invoicing/pull/122>
- Move modules to <https://github.com/OCA/edi>
- Fix Travis <https://github.com/OCA/account-invoicing> on 8.0
- Fix Travis issues on e-invoicing
- Test and review localization module
 - l10n-france, pending PR: <https://github.com/OCA/l10n-france/pull/55>
 - l10n-belgium, pending PR: <https://github.com/OCA/l10n-belgium/pull/35>

Achievements:

- Creation of an edi dedicated repository (Complete)
- Review and functional testing (Complete),
- New PR on OCA/edi to move all new modules inside <https://github.com/OCA/edi/pull/4> (Complete)
- Get travis green on the incubator branch (Complete)
- Ready to merge !

GeoEngine (Yannick Vaucher)

OCA project: <https://github.com/OCA/geospatial>

Feature branch for codesprint: <https://github.com/OCA/geospatial/tree/9.0-ol3>

Participant:

- Yannick Vaucher
- Damien Crier
- Laurent Mignon
- Cyril Gaudin

Planning:

- Porting to OL3
 - Studie what was made in
<https://github.com/acson/geospatial/tree/8.0-ol3-lmi>
 - Remove features from OL2
 - Create the map in OL3
 - Add raster layer -> Openstreetmap
 - Add geo field vector layers
 - Add vector layer switcher (can be taken from
acson/geospatial/8.0-ol3-lmi)
 - Recreate the tool box panel by creating html buttons (OL2 panel has been removed in OL3)

- Then features to restore:
 - Selection from 8.0 <https://github.com/OCA/geospatial/pull/105>
 - Map parameters: zoom, map extends
 - Quantil repartition

Achievements:

Day 1:

- Display Openstreetmap layer on Geoengine multi records view with geometry taking reusing code from Laurent Mignon
- Display map on widget form
- Update OL3 to 3.18

Day 2:

- Finish port of OL3 for geoengine view
- Ported selection feature filter from 8.0 to 9.0 (under OL3)
- Cleaned Mapquest from Geoengine
- Geoengine widget display feature

Contributors Stats Gathering Module (Maxime Chambreuil)

Participant:

- Sylvain LE GAL
- Bruno JOLIVEAU

Planning:

- Work on <https://github.com/oca/oca-custom.git>
- Fix travis issues / Fix various issues
- Update with the last Github API
- Writing a "How to" doc to discover oca-custom repository. [WIP available here.](#)

Blueprints

Some blueprints to discuss on this projet

- <https://github.com/OCA/oca-custom/issues/4>
- <https://github.com/OCA/oca-custom/issues/5>
- <https://github.com/OCA/oca-custom/issues/9>

Achievements:

- Some limitation on mass tests because on internet connection
- Local tests and some issues in project
- Careful : note a request to move temporarily work on https://github.com/grap/oca-custom/tree/8.0_ADD_modules

Getting to know the OCA Workflow (Pedro Manuel Baeza)

Participant:

-

Planning:

-

Achievements:

- Training and Q&A

Document SFTP (Holger Brunn)

Participant:

-

Planning:

- [didn't really happen]

Achievements:

- Preliminary write support without locking
- A lot of bugfixes, under which catastrophic ones
- <https://github.com/OCA/knowledge/pull/104>
- You can see the original project at <https://github.com/akretion/server-tools.git> (module external-file-location)

Stocks logistics barcode scanning (Aaron Henriquez)

Participant:

- Manuel Cordoba
- Kevin Graveman
- Tobias Zehntner
- Alexandre Dutry
- Jérôme Guerriat
- Aaron Henriquez
- Jordi Ballester Alomar

Planning:

- Migrate module 'stock_scanner' to v9
- Define test scenarios for typical use cases
- Implement web responsive user interface for stock_barcode module

Achievements:

- Moved module 'stock_scanner' from OCA/stock-logistics-workflow to OCA/stock-logistics-barcode
- Created PR to migrate module 'stock_scanner' to v9 (<https://github.com/OCA/stock-logistics-barcode/pull/40>). **Travis is GREEN.**
- Created PR's to add sample scenarios:
 - Stock_location_info (<https://github.com/OCA/stock-logistics-barcode/pull/41>) **Travis is GREEN.**
 - Stock_scanner_inventory (<https://github.com/OCA/stock-logistics-barcode/pull/42>) **Travis is GREEN.**
 - Stock_scanner_receipt (<https://github.com/OCA/stock-logistics-barcode/pull/43>)
 - Stock_scanner_shipping (<https://github.com/OCA/stock-logistics-barcode/pull/44>)
 -

Improve the Business Requirement set of modules (Eric Caudal)

Participant:

- Richard Dijkstra (Onestein)
- Ayman El-Oraby
- Mostafa Helmy
- Gael Rabier
- Kari Lindgren, Finland (EM Systems Oy)
- Satu Lindgren, Finland (BonAlive Ltd)
- Eric Caudal (Elico Corp)
- Khalid LAKHSAM
- Omar CHAMI KHAZRAJI
- Andrea Stirpe (Onestein)
- Stéphane Le Cornec (coleste)
- Martin Malorni (Microcom)

Planning:

- Finish v8
 - PR 6, 8, 9
 - Testing
 - Add demo data
 - Perform unit tests:
 - Create new DB with demo data
 - Install Projects module
 - Install BR module

- Prepare test cases
 - Perform unit testing
 - Share results with development team.
- Make needed developments
- Reinstall BR after updates
- Reperform unit testing.
- Migrate to V9
 - Code review of existing PRs
 - Add unit tests
- Tests

Achievements:

- Installed a cloud environment to setup demo data
- Fix module-prototyper for demo data extraction (<https://github.com/OCA/server-tools/pull/564>)
- Plan demo data content
- Functional testing of last 3 PRs to complete v8
- Fix issues with the v8
- Create Demo Data
- Migrate one module to v9

Remaining:

- Migrate to V9
 - Code review of remaining PRs
 - Add unit tests

Mobile community interface (Jairo Llopis)

Participant:

- Jairo Llopis
- Stephan ...
- Antonio Espinosa

Planning:

- Fix some layout issue in left menu in [OCA/web#396](#)
- Add debug map to LESS/SASS compiling in odoo/master, PR: Not done, see conclusion below
 - Add new debug mode ?debug=maps in order to have one file per WebAsset, but with debug map inline at the end.
- Add web_responsive addon.
- Add coffeescript addon, with debug maps too. Not done, see conclusion below.

Achievements:

- We realize that we can not simply add a switch when LESS/SASS is compiled. We are refacing the problem using another debug mode.
- We are sorry to conclude that generate a debug map for LESS/SASS files are impossible without refactoring most parts of AssetBundle and StylesheetAsset classes, so we are going to talk this issue with @antonylesuisse in order to figure out a way to resolve it. **UPDATE:** Jairo and me talked with Olivier Dony about this and this is the issue explaining all history (<https://github.com/odoo/odoo/issues/13710>) in order to give the chance to other ones to try to achieve this improvement.
- We aborted the web_responsive initiative, split from web_app_drawer. Instead, we improved web_app_drawer code, and that will be the web_responsive addon for OCA.
 - Much work to be done yet (mostly in LESS)

Dockerizing the runbot (Moisés López)

Participant:

- Mouad Hamri (Morocco) mouad.hamri@bhecoservices.com
- Saad Ismaili (Morocco)
- Juan Jose Scarama (Argentina) jjs@adhoc.com.ar
- David Lasley (USA)
- Cyril Gaudin (France)
- Samuel Lefever (Belgium) sam@niboo.be
- Vincent Gagnon-Coll (Canada) vgc@microcom.ca
- Moisés López (México) moylop260@vauxoo.com
- Alan Ramos (México) alan.ramos@jarsa.com.mx
- Joao Alfredo Gama Batista (Canada) joao.gama@savoirfairelinux.com

Planning:

- Dockerize Runbot Instance
 - [it-projects-llc/odoo-runbot-docker](https://github.com/it-projects-llc/odoo-runbot-docker)
 - It should run v9 Odoo
- Dockerize Runbot Tests
 - [How to install runbot travis2docker module for odoo](#) (Use OCA URL not vauxoo one)
 - [Install Runbot with Travis2docker](#) (Video)
 - Get the source code patched of OCA runbot server @Alexander Fanyolle
 - ~~Backport of~~ https://github.com/OCA/runbot-addons/tree/9.0/runbot_travis2docker to v8.0 @José (Odoo 9 will be used)

- ~~<https://github.com/OCA/maintainer-tools/wiki/Migration-to-version-9.0#if-the-module-already-exists-in-the-90-branch-but-it-doesnt-contains-all-the-commit-history-or-youre-not-sure-if-it-have-it>~~
- Include: <https://github.com/OCA/runbot-addons/pull/93/files>
- ~~<https://gist.github.com/moylop260/8af5ecb13287b039c576e76dd5de008f>~~
- We've cancelled this because it was not so straight and also because of maintainability (contributors are using v9 and only oca runbot would be on v8)
- Send postgresql log to server @Vincent @lasley
 - <https://github.com/OCA/runbot-addons/pull/95/files>
 -
- Test dockerized runbot with patched odoo-extra OCA @Juan
 - <https://github.com/gurneyalex/odoo-extra/tree/OCA-runbot> (It's 8.0 fowardport 9.0) [PR here](#)
- +1 Reviews please:
 - ~~<https://github.com/OCA/maintainer-quality-tools/pull/353>~~ @lasley
 - <https://github.com/OCA/runbot-addons/pull/93/files> @Joao
 - @lasley Merged
 - ~~<https://github.com/OCA/runbot-addons/pull/95>~~
 - ~~<https://github.com/OCA/runbot-addons/pull/96>~~
 - ~~<https://github.com/OCA/maintainer-quality-tools/pull/359>~~ Merged
 - <https://github.com/OCA/maintainer-quality-tools/pull/354>
 -

Achievements:

- Runbot with travis2docker to test it - <http://runbot.adhoc.com.ar/>

Mackma project (Frederik Kramer)

Participant:

- Frederik Kramer

Planning:

- !No code created so far! Will be started soon
- Present the idea of having meta data information attached to the Odoo business entities
- Present the idea of a knowledge management solution on top of Odoo

Achievements:

- Spread the word on Mackma-Project www.mackma-project.eu
- Invited partners and developers to share their requirements on building a KM application on top of Odoo

- Discussed the work of help_online module with David Beal
- Discussion on using a new message bus xbus.io as means to collect

setuptools-odoo (Stéphane Bidoul)

<https://wheelhouse.odoo-community.org>

<https://setuptools-odoo.readthedocs.io/en/latest/>

Participant:

○

Planning:

- Make travis work detect dependencies automatically (without oca_dependencies.txt): finish
<https://github.com/OCA/maintainer-quality-tools/pull/343>

Achievements:

- Evangelisation, lightning talk
- setuptools-odoo 1.0.0rc1 released
- <https://github.com/OCA/maintainer-quality-tools/pull/343>

Product Variant Configurator

Participant:

- Pedro Baeza
- Thomas Binsfeld
- Zakaria Makrelouf

Planning:

- Merge the odoomrp module product_variants_no_automatic_creation into OCA 8.0.
- Rename it into product_variant_configurator.
- Improve the test coverage.
- Improve Readme.rst with Developer Instruction to use the product configurator.
- Functional tests.
- Migrate the module to OCA 9.0.

Achievements:

- <https://github.com/OCA/product-variant/pull/38>
- <https://github.com/OCA/product-variant/pull/39>

PRs Review (Everyone ;)

Please join #oca IRC channel on freenode, to coordinate

Participant:

- Nicola Malcontenti a.k.a. hurrinico
- Alex Comba - <https://github.com/tafaRU>
- Lorenzo Battistini (eLBati)
- David Béal (bealdav, Akretion)
- Andrea Stirpe (ONESTEiN)
- Antonio Esposito (Onestein)
- Pierre Verkest (Anybox)
- Mariam Flayyan (therp)
- Jairo Llopis

Planning:

- [Migration of sale_line_quantity_properties_based](#) [needs review]
- [Migration of sale_line_price_properties_based](#) [work in progress]
- [Add new module MRP Repair reorder lines](#) [needs review]
- [Add module MRP Discount](#) [work in progress]
- [Add sale_documents_comments](#) [eLBati: to fix]
- [FIX account_invoice_rounding: tax included in price + discount](#)
- [Add new module Calendar Event State](#)
- V10 <https://github.com/odoo/odoo/pull/13404> dropshipping data [bealdav: Ready]
+1 required, thanks
- V10 <https://github.com/odoo/odoo/pull/13053> make attributes name string is
customizable [bealdav]
- [\[ADD\] module inter_company_rules](#) [needs review]
- [Product Customer Code on Sale](#) [needs review]
- [Help Popup](#) [needs review]
- [V10 fix in resource.calendar](#) [needs review]
- [\[8.0\] \[FIX\] product_variant_sale_price](#) [merged]
- [Add server_options env var to MQT](#) [merged]
- [Add log-db option to runbot-addons](#) [merged]
- [\[9.0\]\[MIGR\] base_report_to_printer migr](#) [closed duplicate]

To see all PR pending of OCA open the following URL

<https://github.com/pulls?q=is:open+is:pr+user:OCA>

Achievements:

- Improved stock_analysis_forecast module
- Reviewed and fixed module 'stock_picking_invoice_product_group';

- Reviewed and fixed module 'product_variant_available_in_pos';
- Reviewed and fixed Module Product Customer Code
- Reviewed and fixed Module Product Customer Code On Sale
- Reviewed and fixed Module Repair reorder rules
- Worked on Mrp discount but need more discussion on it
- Closed old PRs: [italy/10](#), [italy/12](#)
- Fixed website_cookie_notice, inter_company_rules, sale_order_type, account_tax_balance
- Taught how to create a PR to OCA: [\[9.0\]\[MIGR\] base_report_to_printer migr](#)
- Reviewed [\[MIG\]\[9.0\] website_logo ported to 9.0](#)
- Fixed [product_code_builder](#)
- Reviewed [\[9.0\]\[MIG\]\[mass_mailing_partner\]](#)
- Preparatory work to create the v10n branches

Ready to merge:

- [\[8.0\]\[ADD\] product_variant_available_in_pos module](#)
- OCA/OCB [\[FIX\]\[web\] Stop recursively adding contexts](#)
- [porting website_cookie_notice to 9.0](#)
- [\[ADD\] module 'stock_picking_invoice_product_group'](#)
- [Add account_tax_balance](#)
- [\[8.0\]\[IMP\] stock_move_backdating module](#)
- [Add stock_analysis_forecast module](#)
- [Product Customer Code](#)

Merged:

- [sale_order_type improvements #333](#)

Connector v10 (Guewen Baconnier)

Participant:

- Guewen Baconnier
- Andrea Stirpe

Planning: (roadmap on <https://github.com/OCA/connector/issues/206>)

- One-to-one migration to v10 (done in <https://github.com/OCA/connector/pull/211>)
- rename openerp occurrences to odoo (binder, ...) (done in <https://github.com/OCA/connector/pull/211>)
- remove @api.one (guewen)
- progressively get rid of ConnectorSession: (guewen)
- We could start with a new decorator that transforms any model method into a delayable job. (guewen)
- Separate the queue and the backend/ConnectorUnit parts

- migrate jobs storage to json instead of pickle
- allow to find ConnectorUnits by a 'service name' when we want a unit, but have no corresponding model (or service name + model)
- graph view for jobs with some statistics (duration, ...)
- rethink the backend registry now that we have more experiences (current situation: easy to extend across backends, hard to extend for 1 backend)
- Port module base_import_async to V10

Achievements:

One-to-one migration done (<https://github.com/OCA/connector/pull/211>):

- Connector runs in Odoo 10
- Renamed occurrences of openerp to odoo
- Replaced monkey-patch by proper inheritance of the new 'base' model
- Removed @api.one

Rework of jobs in progress (<https://github.com/OCA/connector/pull/212>):

- 'queue_job' addon extracted from 'connector'
- ConnectorSession removed (replaced by odoo.api.Environment)
- Ability to add @job on a Model method (wip)

Lightning Talks

Thanks to Bruno Joliveau for sharing his notes!

Day 1

Devops used at Vauxoo (Nhomar Hernandez)

- * devops for odoo
- * orchest / deployV

Functional Automated tests (Mouad Hamri)

Odoo Models to specify test cases for other modules

Business Requirements (Eric Caudal)

Modules to manage the process between the sales lead and the project stages.

Product_custom_info (Jairo Lopez)

Put custom attributes on products, and manage dynamic filters on the ecommerce.

qweb_pdf_reports_signer (Antonio Espinoza)

Module to manage electronic signatures in PDF documents (certificate based)

mail tracking (Rafael Blasco)

Precisely follow the state of emails in odoo (sent, received, read...)

travis2runbot (Moises Lopez)

Tool to run a travis build inside a Docker container

Module Documentation (David Beal)

Tools to manage the documentation of model enhancements and make it available from the views of Odoo.

Voodoo (Sébastien Beau)

Helper tool to create customer instances and deploy them

product configurator (Pedro M Baeza)

Builds product variants on the fly rather than generating all the variants at once from the product template.

Unit test odoo reports (Pierre Verkest)

@petrusv84

unit test odoo report, with pixel comparisons to detect when a report changes.

Pylint odoo (Dave Lasley & Moises Lopez)

Tool to lint odoo modules, including lots of nice tests.

Day 2

Alfodoo (Laurent Mignon)

Alfresco integration in odoo.

<https://www.alfodoo.org/>

Pip install (Stephane Bidoul)

Installation of odoo and odoo addons in virtual environments through pip. Automated management of dependencies.

<https://wheelhouse.odoo-community.org/>

Barcode scanner (Sylvain Le Gal)

Manage inventories using a mobile app and a barcode scanner connected to a phone.

Working out of Github (Sylvain Garancher and Alexandre Fayolle)

Tips to work on your local git clone to help review PRs.

<http://fr.slideshare.net/afayolle/git-without-github>

Future of OCB (Stefan Rijnhart)

Has the OCB project (<https://github.com/oca/ocb>) outlived its usefulness? Can we replace it with something more vibrant? Discussion here:

<https://odoo-community.org/groups/contributors-15/contributors-45694>

Clouder (yannick buron)

Manage odoo instances with odoo and docker

<https://www.slideshare.net/secret/JsBeZy3npcwQD>

help_pop-up module (Pedro Baeza, David Beal)

Extends Day 1 presentation by David with a demo of devs made during the code sprint.

help_pop-up module

Reviews (Alexandre Fayolle)

- * reviews needed to sustain the OCA ecosystem

- * remember for "friday action"

* join #oca on irc.freenode.net (<https://freenode.net/kb/answer/chat>)

Adhoc modules (Manuel Cordoba)

- New view of modules, with categories and subcategories, adds a kanban view, lets user select which modules he wishes to install.
- User can see a short summary of the module, a review, and if it is supported.
- User can go through the modules that refer to the categories set in their contract, and ignore or install them in order to complete the configuration of modules of his database.
- User can visually analyze if he installed or ignored the modules that he has available

Invoice operations (Juan Jose Scarafia)

- Creation of standarized Invoice Operations
- Operations are included in sales order or invoices and are used to perform automatic actions to the objects, like splitting in different invoices, changing journals, splittin in different companies based on different percentages
- It is mainly used to perform repetitive operations that needed to be performed manually, in a iterative and automatic way

Phantom js tests (Nhomar)

- Demostration of testing of Odoo Modules using phantoms test, to improve the test coverage.
- Great coverage demonstrated on Vauxoo Modules using phantom tests
- Possibility to edit the test to include time delays, new test, among other things