OpenERP 6.0 - What's new?

Olivier Dony, OpenERP Community Manager

May 14th, 2010

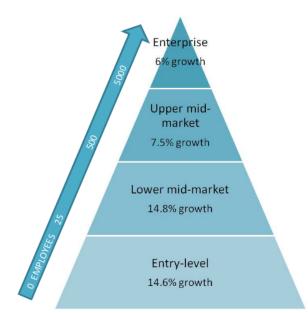
Outline

- 1 OpenERP 6.0, Business Application Suite
- 2 Technical news for 6.0
- 3 Communities!





Quick market analysis



OpenERP is disruptive

Disruptive Product

- Modern programming language
- Modular approach, incremental contribution
- Fully web-based
- Classical or cloud deployment

Disruptive Business

- Free download
- Contributions and Community fuel the product
- Value created is fairly split between Customer, Service Provider, and Publisher





2010: Cornerstone for OpenERP

During the last 5 years, OpenERP has matured into a **smart Enterprise Management software suite**, with a **world-wide** brand, and a **strong market** demand.

OpenERP SA will now focus on being the OpenERP Publisher.



OpenERP Publisher: Key Goals

- R&D, Product Development
- Services to Partners
- Community Relationships
- SAAS Offer





Research and Development

- Dedicated R&D teams
- SCRUM methodology
- Focus on quality
- Tests: tools + test suites

Community Relationships

- Community Structure
- Community Recognition
- Communication

Services to Partners (one2many)

- Professional Services
- Maintenance Services
- Training Services
- Development Services

- Low-cost online offer
- Standard modules only
- Partner Benefits



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OpenERP 6, Business Application Suite

OpenERP 6.0 is becoming a true suite of Business Applications, not a classical ERP anymore.

- By reducing the dependencies between standard modules,
 OpenERP 6 will make it easier to install specific Business
 Applications only. For example: installing Sales without pulling Manufacturing.
- By organizing the menu and interfaces in an application-centric way, OpenERP will behave like your typical dedicated software, for each context.





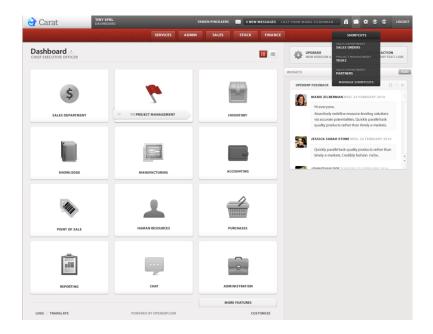
Improved usability and ease of use

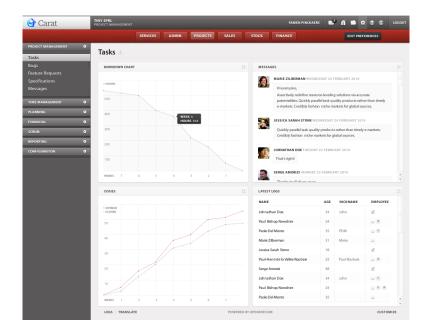
To bring the **usability** and **ease of use** levels of a dedicated piece of software, OpenERP 6 brings:

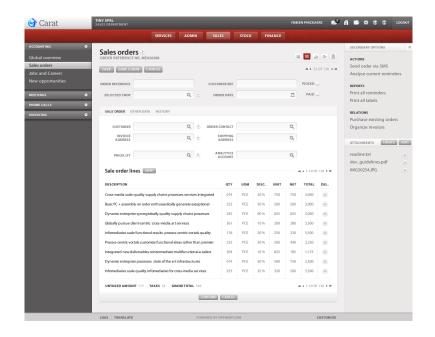
- Completely redesigned web interface
- Applications-centric interface
- Per-application menu structure, streamlined
- Contextual shortcuts and navigation
- Flexible configuration wizards
- Simplified lists



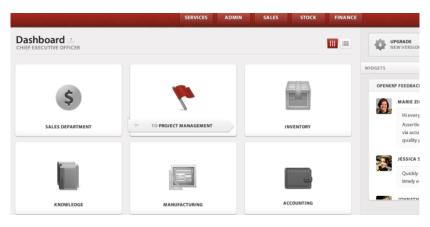






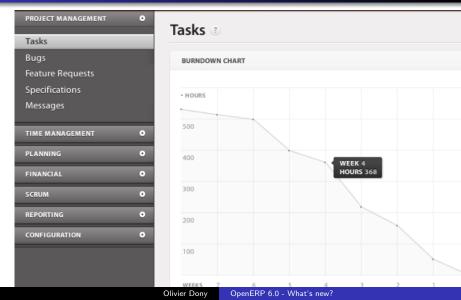


Applications-based interface

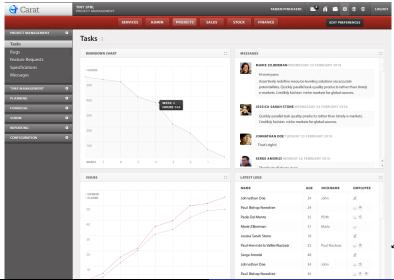




Per-application menu



Contextual shortcuts and navigation



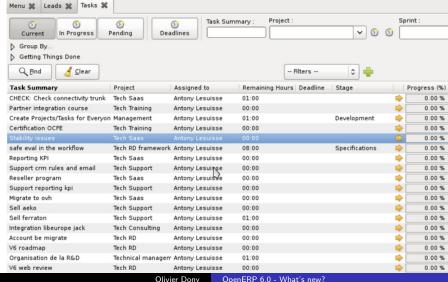
Improved usability and ease of use Improved business applications Demo

Flexible configuration wizards





Simplified lists



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Improved business applications

Improved, integrated, made more generic

- Resources and Projects
- HR and surveys
- Document Management System
- Stock and MRP
- Multicompany
- CRM
- More localisations...





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Demo

| Open`I | ERP | http://openerp.com |
|--------------------|-------------------------|---------------------------|
| OPEN SOURCE MANAGE | | |
| Server: | socket://localhost:8070 | Change |
| Database: | 6_0_demo | ~ |
| User: | admin | |
| Password: | | |
| | | |
| | | ∑ ancel Q K |



Views Test framework Generic framework improvements Modular web client

Technical news for 6.0



"Would you like the technical or the nontechnical presentation?"





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New views and improved lists

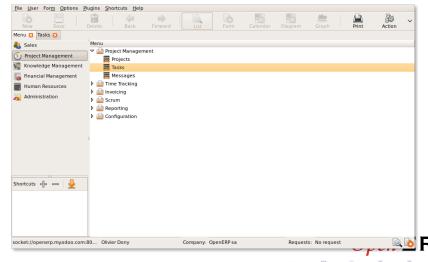
- No more My Tasks, Open Task, All Tasks, ...
- No more select=1, select=2 dilemma
- Structured search interface
- Expandable groups
- Custom filters
- Group-by buttons
- Diagram views
- Buttons in list views



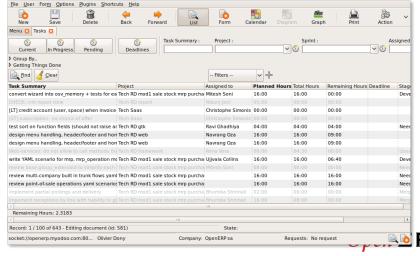


Views Test framework Generic framework improvement

Simplified menus



Structured interface, expandable groups



Search views

Search view syntax example





Views
Test framework
Generic framework improvemen
Modular web client

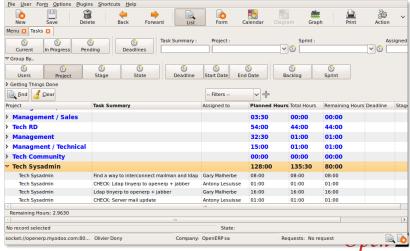
Expandable groups

Expandable group example





Group by



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Group by

```
Group by - example
<search string="Task Edition">
(\ldots)
<filter string="Users"
         icon="terp-project"
        domain="[]"
         context="{'group_by':'user_id'}"/>
(\ldots)
</search>
```





Views
Test framework
Generic framework improvement

Group by

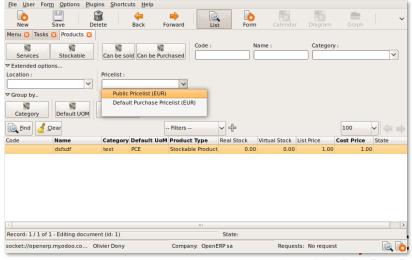
```
Group by - API example
```





Views Test framework Generic framework improvements Modular web client

Search view context



Search view context

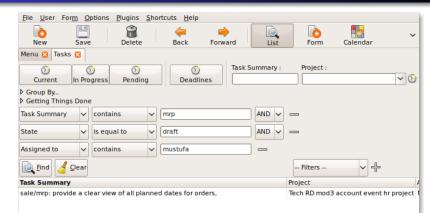
```
Context example
```





Views
Test framework
Generic framework improvement

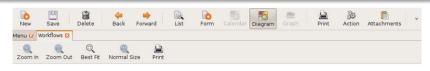
Custom filters

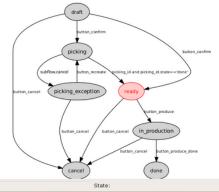




Views Test framework Generic framework improvement Modular web client

Diagram view





http://localhost:8069 [diag] Administrator Company: Tiny sprl

Record: 4 / 6 of 6 - Editing document (id: 4)

Requests: 1 request(s)

Diagram

Diagram view example

```
<diagram string="Workflow Editor">
    <node object="workflow.activity"</pre>
          shape="circle"
          bgcolor="red">
        <field name="name"/>
    </node>
    <arrow object="workflow.transition"</pre>
            source="act from"
           destination="act to">
        <field name="name"/>
    </arrow>
</diagram>
```





Views

Multicompany



Views
Test framework
Generic framework improvement

Multicompany

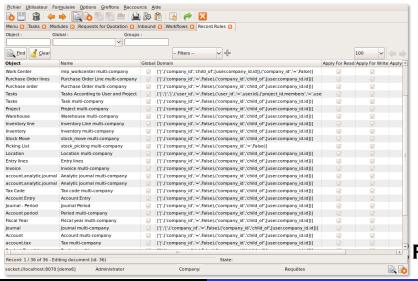
- Integrated in base
- New ir.rules for filtering
- Default company per object
- Internal operations





Views Test framework Generic framework improvements Modular web client

Security rules



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YAML Serialization

YAML

- Simplified human-readable format
- Same syntax for data and tests
- More flexible than XML serialization
- Can use OpenERP API, for Python tests



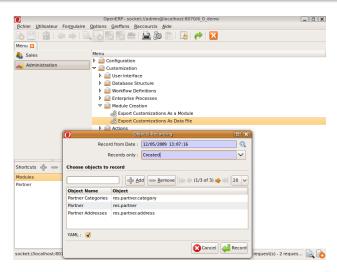


YAML

```
YAML Example
    Scenario: In order to check the survey module
    I Create 1 survey and define 1 survey page
    !record {model: 'survey', id: survey_0}:
        title: 'Partner Feedback'
        max_response_limit: 20
    !record {model: 'survey.page', id: survey_pg_0}:
        title: 'Who are you?'
        survey_id: survey_0
```



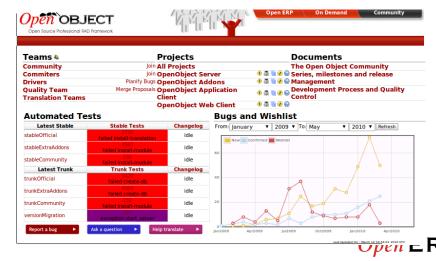
New module recorder: test scenarios, data







Continuous Integration: automated test suite



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Framework changes



- improved security (injection vectors, private methods)
- import openerp
- openerp client lib
- import wizard
- simplified links, act_window
- default_focus on fields, buttons
- decimal_precision for all floats





Massive cleanup



- __terp $_- \rightarrow$ __openerp $_-$ (backwards comp.)
- cleanup of data load (convert.py)
- server startup -i -u -t, rollback
- ORM API documenation online





Generic tools



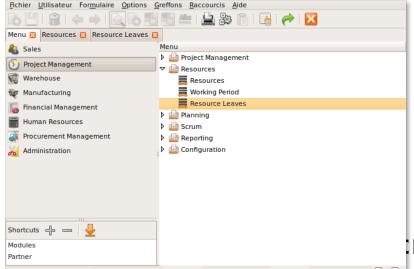
- mail history per object
- base.action.rule
- resource object for planning, used by mrp, project_long_term
- CalDAV calendar sync (Desktop or Web sync)





Views
Test framework
Generic framework improvements
Modular web client

Resources



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Modular Web Client



- client-side modules
- register controllers: /openerp, /webmail
- register new widgets (wiki, Bl,wysiwyg)





Focus on Community Relationship



- Official recognition of local OpenERP communities
- Community member/partner as well
- Improved processes
- New website
- Communication





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Official recognition







- Specific logos like for OpenERP Partners
- Section on new openerp.com for communities (description, contacts, comm, ...)
- Must: be open, display members, respect rules
- Community events published by OpenERP





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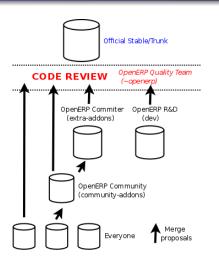
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Improved processes and tools



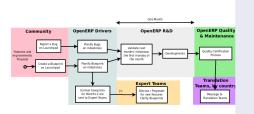
Official merge process

- General community processes
- See guidelines
- Easier translation process (synchronized)
- Documentation published with translations
- Country/Sector-specific evaluation matrix





Improved processes and tools

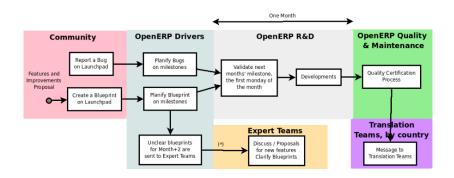


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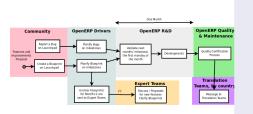




Community Process



Improved processes and tools



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Improved Communication



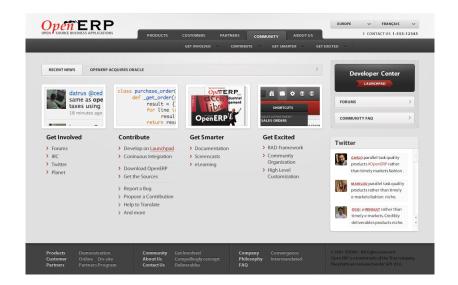
Community channels

- New website
- New blog.openerp.com + OpenERP planet
- Twitter
- Mailing-lists (soon open to everyone)
- Forum and mailing-list sync
- (Facebook, LinkedIn)





Website



Website



Improved Communication



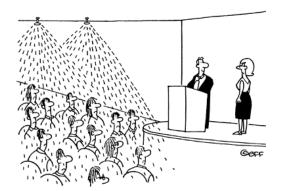
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Still awake?



"You're not allowed to use the sprinkler system to keep your audience awake."





Summary



Summary

- 2010 and onwards: focus on being OpenERP Publisher
- OpenERP 6.0: leap towards a Business Application Suite, improved ease of use, per-application usability
- Communities are a key driving power of OpenERP, let's go full throttle!





Questions?



