Nan-tic

Perquè vols canviar, i canvies.

I used to Excel but now...

Now I Shine!

Excel is great

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but many companies end
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Why?

What customers said

What customers said

"This tool is going to solve many needs of our company."

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"How much is it?"

What customers said

"This tool is going to solve many needs of our company."

"How much is it?"

"Do you need money to finance its development."

You're going to love it!

1/Analysis of Excel issues

1.1/Excel issues: Data consistency

- Data is too easy to modify
- Formulas are difficult to check – easy to mess – Does this SUM() contain all the cells I need

1.2/Excel issues: Scalability

- Linking one sheet to another is messy
- Even worse when you need to link betwen documents.
- And even worse if you must share them

1.3/Excel issues: Data analysis and enrichment

- ODBC is complex and difficult to share with other users
- Exporting each time is impractical
- Enriching data from the ERP can't be consistent – requires manual checking

2/How do we solve all those issues

Demo

2.1/Solving issues: Data consistency

- ~~Data is too easy to modify~~ → Easy locking of tables
- ~~Formulas are difficult to check – easy to mess – Does this SUM() contain all the cells I need~~ → Separate sheets logically, One formula per column

2.1/Solving issues: Scalability

- ~~Linking one sheet to another is messy~~ → Use alias
- ~~Even worse when you need to link betwen documents~~ → All sheets are at the same level
- ~~And even worse if you must share them~~ → Everything in Tryton!

2.3/Solving issues: Data analysis and enrichment

- ~~ODBC is complex and difficult to share with other users~~ → Everything in Tryton, Model Data source
- ~~Exporting each time is impractical~~ → Everything in Tryton!
- ~~Enriching data from the ERP can't be consistent – requires manual checking~~ → Links to Tryton data

2.4/Solving issues: don't add new issues!

...learned from BaBI

- Excel terminology: "Sheets"
- Excel formulas
- Environment Tryton users already know

3/TODO

3.1/TODO

- Stabilization
- Generalize a "columns" module for managing user-defined models and views
- Apply filters in Data Sets
- Allow working with and without order (*sequence*)
- Support more field types well (including Data Sets) – *Selection, M2O...*
- Implement user permissions
- Allow making tag hierarchies required (*as Mixin in core*?)
- Implement dynamic tables (*alla BaBI*)
- Support context_model – Update singleton values while in a sheet view
- Support python / simpleeval in formulas?
- Test performance
- ....

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