Openbravo ERP life cycle management

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March 22, 2010

Outline

1. Overview: development, testing, production
   - Problem
   - Definition
   - Goals
2. Effective life cycle management
   - Development
   - Testing
   - Production
   - Tools
3. Summary
4. Q&A

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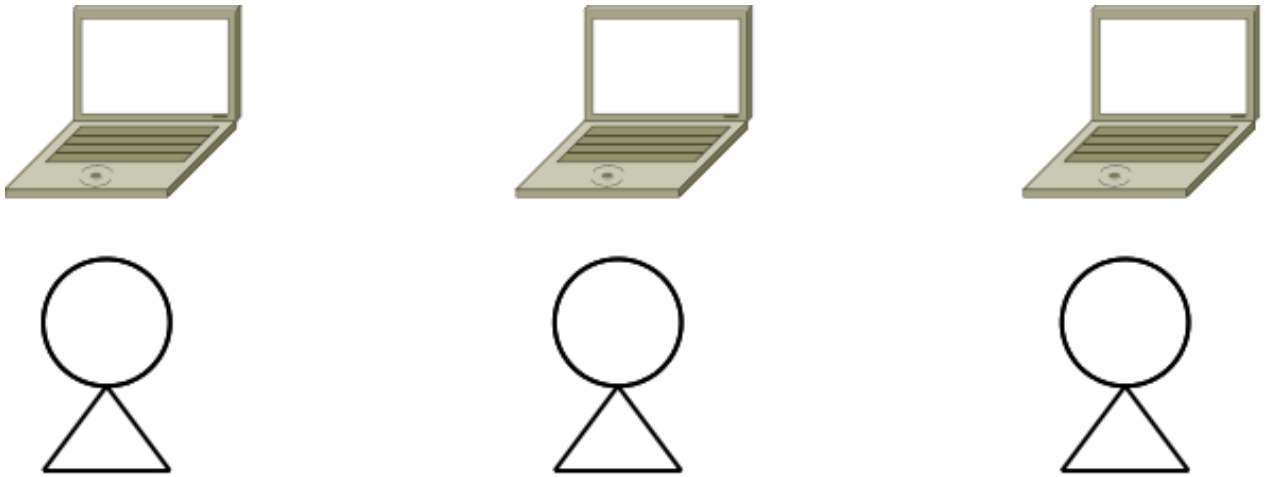
Problem

- 1 project.
- 3 developers.
- 1 production system.

What is this all about?



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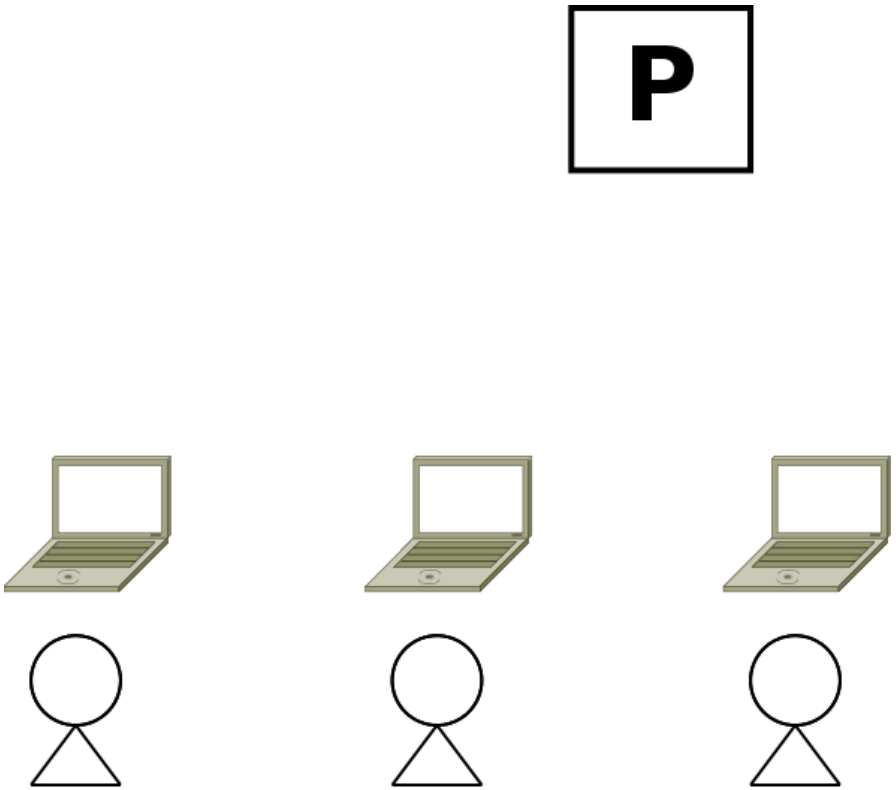

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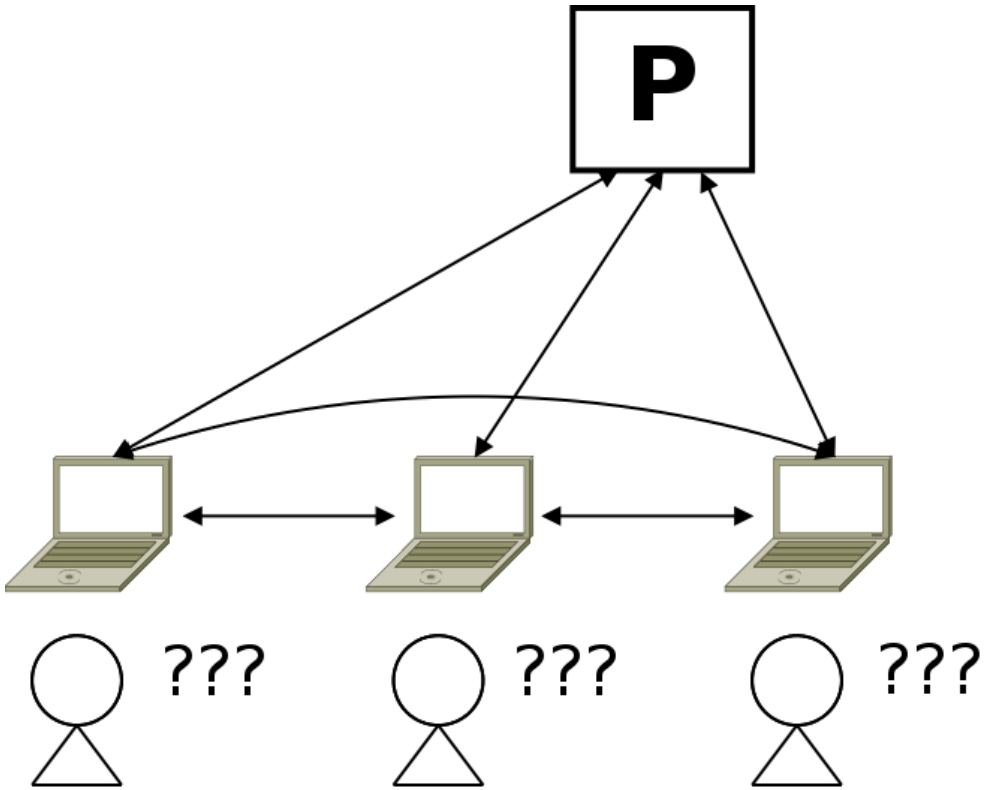

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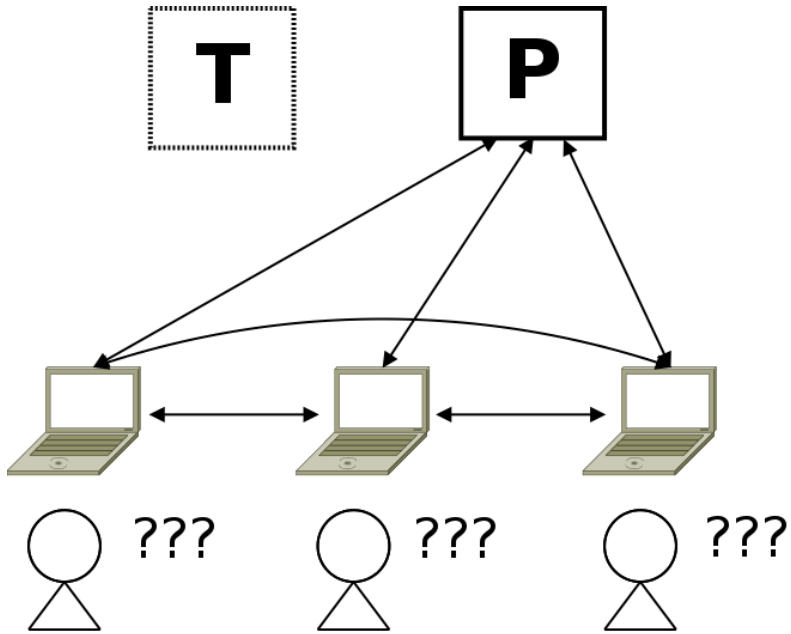

Life cycle management

How do I glue these components effectively?

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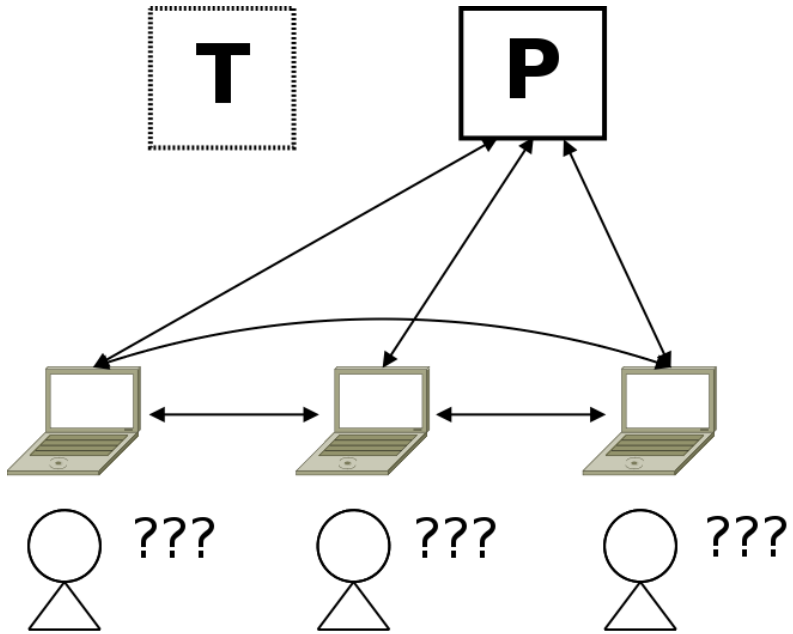

Life cycle management

How do I glue these components effectively?

Goals

- **Secure production**: test anything before going into production.
- **Customize** the ERP easily.
- **Control and share** changes among developers.
- **Demos**: show latest features to the customer **before** going to production.

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Customize the ERP: how?

What's development?

Any code change you do, at any point in time.

Options:

1. I'll change Core directly . . . DON'T!
2. I'll use modules.

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Customize the ERP: SCM

Why does a SCM matter?

- **Control** my own changes: how did I solve that issue?
- **Share** changes easily. Comfortable distribution.
- **Concurrent** development.
- **Revert** and tweak changes.

Useful even if you work alone!

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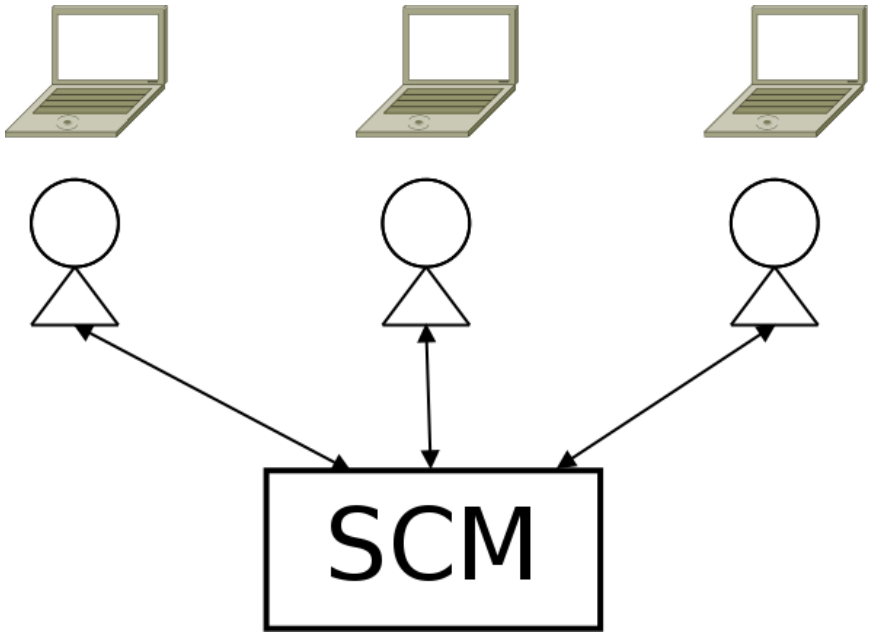

Customize the ERP: issue tracker

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- Traceability of bugs and their resolutions.
- Increase visibility of the development process.
- And why not, involve your customer.

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Customize the ERP: issue tracker + SCM

A SCM and an issue tracker; I don't have time to set up that

Use a Forge! Even for private projects.

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- Openbravo Forge.
- Bitbucket.
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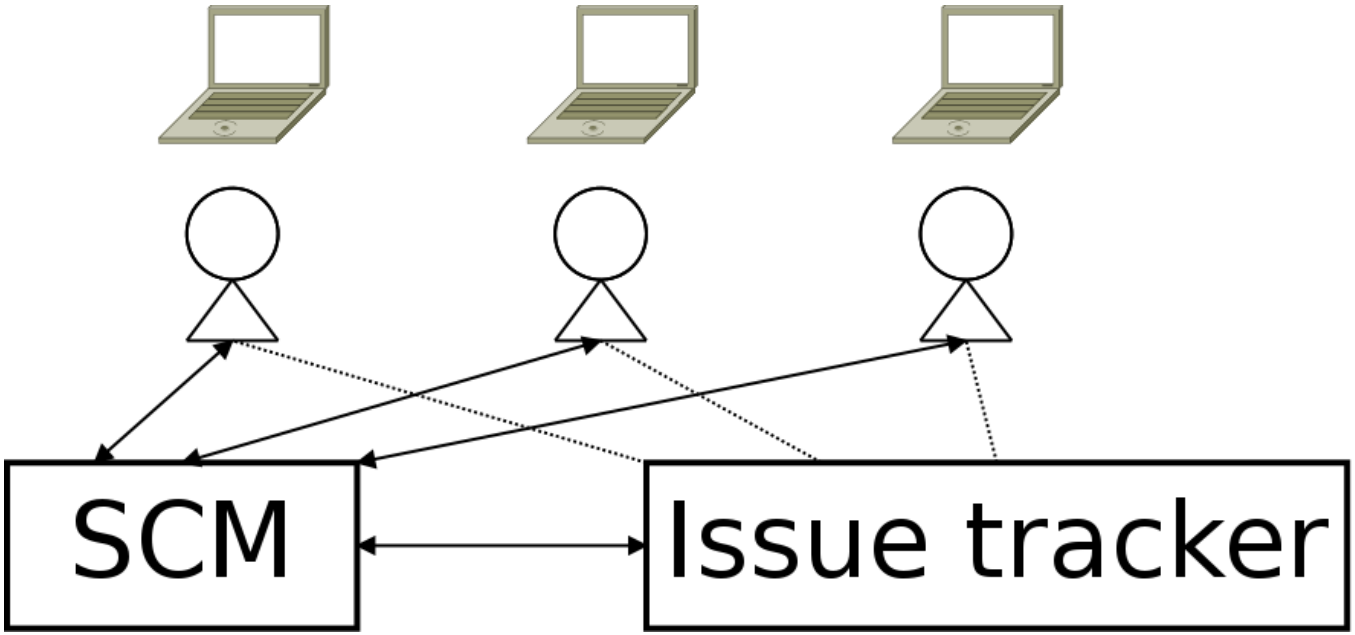

Testing: why it matters

- Test your developers in a real environment.
- Let the customer test it.
- Test your upgrades: modules, Core.

Production and Testing: 1 machine **vs** 2 machines

Testing must be a clone of production. Specially in software.
Recommendations:

- 2 x Cloud Appliance
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Developers send customizations to Testing through OBX files

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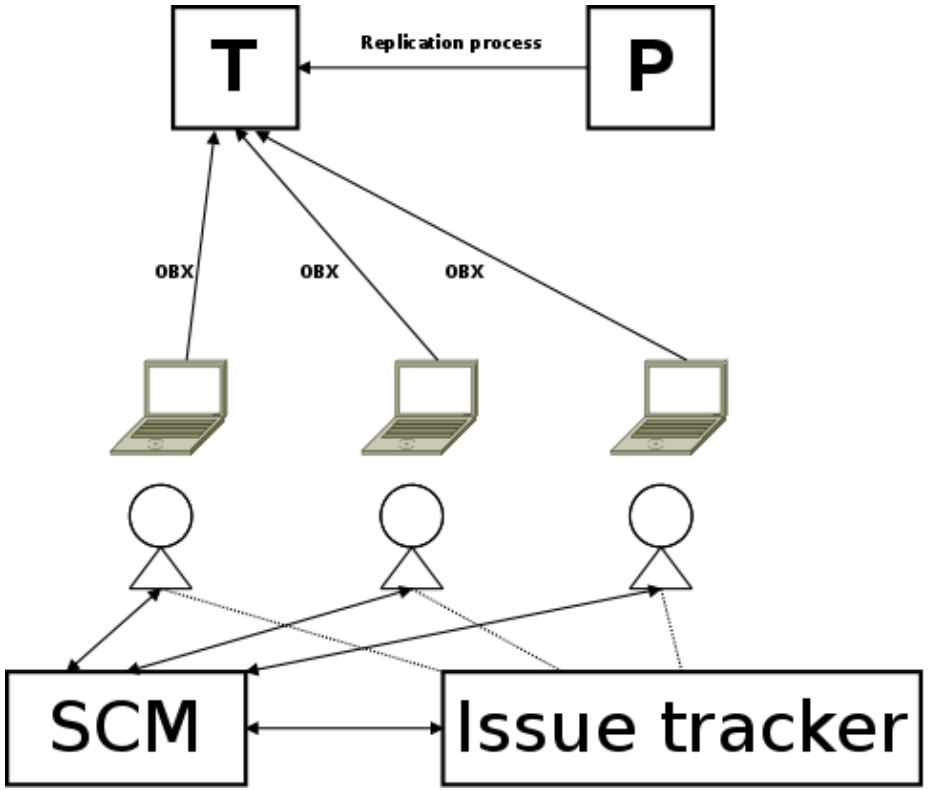

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Possible kind of changes:

1. Core update.
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Howto:

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Summary

- Development collaboration: modules + SCM + issue tracker
- Testing: use OBX files and the MMC. Replicate *Production* to *Testing* first.
- Production: do it in testing first. Repeat the steps in production later.

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Thank you.

Questions?

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