

Project Management

Final assignment
Release of a FLOSS product by a SME

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1 SME Introduction

Code Garden is our SME. We develop software products using quality patterns. Quality patterns are our main goal, applying Quality patterns to software development as is. plants and the code can not be kept alone, they can grow with life, diverted, or wither in a forgotten place. So plants like the code, need extra care, some gardeners, so they can grow and flourish.

Technical Debt is not a monster chasing us in every development sprint is another *ROL* that we accept and we have interaction with it. We need him and he needs us.

Thus, we created a software product that helps us to deal with Technical Debt, **Greenhouse**.

Greenhouse is our tool to track the progress of the evolution of code quality within a controlled environment. Using quality metrics for each programming language helps us reduce technical debt faster

"we are the code we write"

2 Publish the project

We want to publish *Greenhouse* as a FLOSS¹ project with two Software Licenses. One a FLOSS License and the other a Private License.

FLOSS License selected to publish *Greenhouse* is *GPLv3*². This FLOSS License provides all freedoms to the project:

- Continue being FLOSS.
- Accept contributions from others.
- Spread FLOSS.
- Interact with other FLOSS projects.
- Be transparent.

The other License is a private License for the project to avoid possible or unexpected License Violations. For build a project in your company and be 100% sure that you are not violation any License under your product. This License envelops the whole product into a private version.

We want to evolve with the community and spread our developments.

¹Free Libre Open Source Software

²GNU Public License Version 3 - <http://www.gnu.org/licenses/gpl-3.0.html>

3 Dual License

Free Software License and Private, Brief discussion about licenses (your company has heard about some BSD or GPL, but they are not sure!).

4 Market niche

Competitors analysis. Code climate - <https://codeclimate.com/>

5 Management general path

services and personal.

6 Management Policies

Communities, Enterprise ROLE, Single Vendor or Apache Software Foundation.

6.1 Where will be published the code ?

6.2 Communication strategy and channels

Documentation, Netiquette.

6.3 Managing volunteers and attracting new users

7 Technology

Commodity.

7.1 Technical Infrastructure needed

Rationality, critical analysis, Development plan (good practices for source code development) and roadmap.

8 Business scalability

Metasploit and MySQL.

8.1 Evolution

Teams, Volunteers, Expansion. Where , How, Which mechanisms ?

8.2 Emphasis

Integration, Upstream.

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