Embracing **FLOSS**

as a shortcut towards

agility

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About the speaker

The speaker: @toscalix

- Consultancy/management about software production and maintenance of complex Linux based systems/platforms/distros/products.

- Experienced manager in open and in distributed environments.

- Contributor in several FOSS communities (KDE, openSUSE...).

- Worked at known FLOSS orgs. like Codethink, Linaro, SUSE, ASOLIF...

- More about Agustín at [his site](#).

Talking Points

1. Disclaimers.

2. Hypothesis.

3. FLOSS as shortcut to adopt:

   a. Agile Values.

   b. Agile Principles.

   c. Agile Methodologies.

   d. Key skills/competences.

4. Takeaways.

Let's start!

1.– Disclaimers

Disclaimer 1

Agility = "agile at scale"

instead of the:

- ...brand.

- ...methods.

- ... Agile Manifesto definition.

Disclaimer 2

Journey vs destination: "*towards agility*"

Disclaimer 3

FLOSS instead of Open Source.

2.– Hypothesis

Hypothesis 1

- Most popular Agile methods were designed as (end-to-end) team-level methods.

- They scale well horizontally across teams in fairly homogeneous/colocated environments.

Hypothesis 1

Synchronization across teams becomes harder as the number of teams increases in environments like:

- Heterogeneous environments.

- Remote/distributed setups.

- Portfolio with strong–hard dependencies.

Hypothesis 2

- Agile methodologies promote optimizations locally.

- Local optimizations <u>does not roll up</u> easily at scale.

Hypothesis 2

Organizations cannot move towards agility by simply

scaling up team-level methods (agile methodologies).

3.a.– FLOSS as a shortcut to adopt…

Agile Values

Agile values

- **Individuals and Interactions** over processes and tools.

  Team?

- **Working Software** over comprehensive documentation.

  Trust?

- **Customer Collaboration** over contract negotiation.

- **Responding to Change** over following a plan. **Flexibility**.

Agile vs (subjectives) Open Source key values

- Team.

- Trust.

- Collaboration.

- Flexibility.

- Community.

- **Transparency**.

- Co-creation.

- Freedom.

3.b.– FLOSS as a shortcut to adopt...

Agile Principles

Agile vs Open Source Principles

"5.– Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done."

[12 Principles](#) behind the Agile Manifesto

3.c.– FLOSS as a shortcut to adopt...

Agile Methodologies

Agile Methodologies vs FLOSS best practices

Co-located vs remote vs distributed teams.

- Agile: colocation vs. FLOSS: distributed.

- But growing number of doing agile/DevOps/CD.

- Agile intolerant to asynchronicity and high latency.

3.d.– FLOSS as a shortcut to develop…

key skills/competences

Competences, skills

From project to product mindset:

- Code ownership.

- Maintainable code.

4.– Takeaways

Takeaway 1

FLOSS projects are *low risk – high return* learning ecosystem.

Takeaway 2

The journey to "become agile" is shorter for FLOSS professionals than for most.

Takeaway 3

The journey towards agility for those organizations involved in Open Source is shorter... and easier.

Final note

Dear agilist,

if you enjoy and learn collaborating openly with your colleagues, imagine what is like to collaborate globally (FLOSS).

Thank you

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Q&A