Starting with Inner Source

Open Source Strategy Forum
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Software Development Analytics for Open and Inner Source Projects

100% Open Source

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@Bitergia co-founder. Open and Inner Source advocate. Love data analytics. Python developer.

Bitergia
https://innersourcecommons.org

Community Health Analytics for OSS Projects
https://chaoss.community
Vestibulum congue tempus

Rest of the Software, OS, infra, libraries, etc

Specific Context

Business Value

1

2

3
Open Source Development

Proprietary Development

Inner Source Development
What is the valuable software for your business?
What is the valuable software for your business?

The rest can be open sourced
But you should control your stack!
But you should control your stack!

Think of Open Source Offices
This is not a talk about OSPOs or Open Source

More about OSS Offices, brand risk, and Inner Source tomorrow at Danese's talk! 10:00 am.  
“Getting the most out of OSS in a Regulated Industry”
But about Inner Source
“InnerSource takes the lessons learned from developing open source software and applies them to the way companies develop software internally”

https://innersourcecommons.org
↑ Code Quality
↓ Time to market
🚀 Innovation
↓ Dev & maintenance costs
↑ Engagement
↑ Skills (soft and hard)
↑ Dynamic environment
.arrow Innovation
↑ Solve problems
↑ Empowerment
<table>
<thead>
<tr>
<th>Culture</th>
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<tbody>
<tr>
<td>Communication</td>
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<td>Collaboration</td>
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<tr>
<td>Community</td>
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<td>Meritocracy</td>
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But this is Chaos!
Start small, PoC
Air Force, Ground Force
Metrics to help in the process

E.g.: Are you measuring how BUs collaborate?

Chart produced by Bitergia using GrimoireLab
E.g.: Is the performance of your teams improving?
InnerSource Commons

Build a **body of knowledge** of inner source

Understand, research and share **best practices**

Work in a **safe** environment for the industry
Chatham House Rule Applies

“When a meeting, or part thereof, is held under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed.”

https://www.chathamhouse.org/chatham-house-rule
Some of the last summit topics

Cultural Change
Tax Management
Process Improvement
Use Cases
Metrics and monitoring
Patterns
InnerSource Commons

Learning Path

InnerSource Patterns

InnerSource Manifesto

Migrating to a Foundation
A bit more about patterns

Characterization of usual IS problems
Brainstorming with other companies
Bi-weekly meetings

https://innersourcecommons.org/patterns
A bit more about patterns

Short description. This describes what the issues and challenges are.
A bit more about patterns

What are the pre-conditions of this problem? This is unchangeable before the solution goes into place.

**Problem**

What are the pre-conditions of this problem? This is unchangeable before the solution goes into place.

**Context**

Forces

Solution

Resulting Context

InnerSource Pattern

Review Committee

management promotes InnerSource

no management buy-in for InnerSource
A bit more about patterns

What makes the problem difficult?
These are the constraints that can be changed at a cost.
A bit more about patterns

Verified or potential solutions to the problem. This solution will change some of the forces.
A bit more about patterns

Problem → Context → Forces → Solution → Resulting Context

Situation after the problem is solved.
Example: Review Committee

https://github.com/paypal/InnerSourcePatterns/blob/master/review-committee.md
InnerSource Commons

Early April 2019
Galway, Ireland
InnerSource Commons

Slack channel (Chatham House Rule applies)

Mailing lists

GitHub (OSS project)
Software Development Analytics
for your peace of mind

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