SAP’s Open Source Outbound Process

Transparent, schnell und compliant durch End-to-End GitHub Tool Support

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Agenda

1. **Open Source @ SAP**
   - History
   - Open Source Program Office
   - Open Source Contributions

2. **Open Source Outbound Process**
   - Former OS Outbound Process and Pain Points
   - OS Outbound Process Improvements
   - New OS Outbound Process
   - Tool Demo
Open Source @ SAP – History

- **1998**: SAP ports R/3 to Linux
- **2001**: SAP’s OSS inbound process defined
- **2004**: SAP’s OSS outbound process defined
- **2008**: Founding member of Eclipse Foundation
- **2010**: Scanning tool support
- **2011**: SAP open sources OpenUI5
- **2013**: SAP joins OpenJDK
- **2015**: Founding member of Cloud Foundry Foundation
- **2016**: Simplified inbound process
- **2017**: SAP joins CNCF
- **2018**: SAP Open Source Program Office established

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Open Source @ SAP – Open Source Program Office

The SAP Open Source Program Office ...

• Is the central entry-point for all Open Source related topics at SAP

• Supports and enables all SAP teams to benefit from Open Source while managing the risks & challenges according to the SAP compliance rules

• Helps to position SAP as a leading company and supporter in the Open Source community by initiating and supporting Open Source engagements and communities
Open Source @ SAP – Contributions

Active SAP Open Source projects on public SAP GitHub

401
as of September 13th 2019

Commit to

56.400+

Commit to

51.600+
## Former Open Source Outbound Process and Pain Points

<table>
<thead>
<tr>
<th>Process Steps</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Request Submission</td>
<td>Contribution Review</td>
</tr>
<tr>
<td></td>
<td>Code Scan</td>
</tr>
<tr>
<td></td>
<td>Legal/IP Review</td>
</tr>
<tr>
<td></td>
<td>Management Approval</td>
</tr>
<tr>
<td></td>
<td>Contributing/Publishing</td>
</tr>
</tbody>
</table>

### Pain Points

- Entry Point
- Request Form
- Scan and Legal Review of all projects
- No focus on risk level
- L2 approval
- Executive summary

### Tools

- FINANCEdirect
- Word
- Outlook
- Excel
- Jam

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How can we improve the Open Source Outbound Process?

1. Request Submission
   • How can we get automation?
   • Can we shorten number of questions in request form?

2. Code Scan
   • Is scanning of each project required?

3. Legal/IP Review
   • Legal involvement for each contribution required?

4. Management Approval
   • When should management get involved?
New Open Source Outbound Process

**Process Steps**
- Request Submission
- Contribution Review
- Code Scan
- Contributing/Publishing

**Solutions**
- Entry point on GitHub
- Request form on GitHub
- Global Licensing reviews business case (strategy)
- License compliance check
- Product Standards check
- Only for SAP initiated projects
- BoM Review
- Guidelines on how to set up the repo/contribute to third party

**Tools**
GitHub
Open Source Outbound Process on GitHub

Issue: Outbound Open Source Request

Request approval for an open source contribution. If this doesn’t look right, choose a different type.

Outbound Request+[project_name]

To start the approval process for an open source contribution, do the following:
1. Replace “[project_name]” in the issue’s title with the name of the project you want to contribute to or that you want to start.
2. Press on the “Submit new issue” button below.

This applies to both requests to “contribute to third-party projects” and to “initiate a new SAP project.”

The OSPO will assign a GitHub issue to you, in which you will be asked to provide more information about your plans.

Thank you.

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported.

Submit new issue

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Transparent, Agile and Compliance with ...  

**Enterprise GitHub**

Entry point to trigger process

- Request Form

Clarify open questions and coordinate actions

- Transparency for all stakeholders

Pipeline and statistics

- End-to-End process
Transparent, Agile and Compliance with ...

Enterprise GitHub

- Entry point to trigger process
- Request Form
- Transparency for all stakeholders
- Clarify open questions and coordinate actions
- Pipeline and statistics
- End-to-End process

Processing time

Transparency

Tool Support
Thank you.

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