

Microservices Bus Project

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Project Description

MSB(Microservices Bus) is an ONAP project that provides key infrastructure functionalities to support ONAP Microservice Architecture(OMSA), which includes:

- Provides RESTful API for service registration/discovery
- Provides Java SDK for service registration, discovery and inter-services communication
- Provides a transparent service registration proxy with OOM-Kube2MSB
- Provides a transparent service communication proxy which handles service discovery, load balancing, routing, failure handling, and visibility by Internal API Gateway(Current implementation) and Mesh sidecar(WIP)
- Provides an External API Gateway to expose ONAP services to the outside world
- Provides Swagger SDK, which helps to auto-generate the language specific clients for a given ONAP micro-service and release them into nexus repository.

Contributing to MSB

Getting Started: Start with [Getting Involved](#) to join the LF and set up your ONAP development environment. MSB repos can be checked out using ONAP gerrit: [MSB in ONAP Gerrit](#)

Feedback: You can provide feedback on the onap-discuss list, sign up here: [ONAP Discuss List](#)

Bug reports: [MSB Jira](#)

Contributing to MSB: Instructions on how to set up Gerrit is here: [Configuring Gerrit](#). Please join the onap-discuss list or attend MSB's [weekly meetings](#) for information on how you can help.

Development Policies, Standards, and Coding

- [Developer Best Practices](#)
- [Development Procedures and Policies](#)
- [Code Review](#)
- [Java code style](#)

Approved Project Proposal

Release Planning

Beijing Release

- [Requirements input for Beijing Release](#)
- [Beijing MSB Functional Test Case](#)
- [MSB Service Mesh Planning](#)
- [MSB Beijing Release Planning-M1](#)
- [MSB deliverables for Planning Milestone Checklist-M1](#)
- [MSB deliverables for Functionality Freeze Milestone Checklist-M2](#)
- [MSB Deliverables for API Freeze Milestone Checklist-M3](#)
- [MSB Integration Status](#)
- [MSB R2 Architecture Review](#)
- [MSB Security/Vulnerability Threat Impact Analysis](#)
- [MSB Deliverable for Code Freeze Milestone - M4](#)
- [MSB performance metrics and testing](#)
- [MSB Deliverables for RC0 Milestone Checklist](#)
- [MSB Deliverables for RC1 Milestone Checklist](#)
- [MSB Deliverables for RC2 Milestone Checklist](#)

Amsterdam Release

- [MSB Release Planning](#)

- [MSB Deliverables for Planning Milestone Checklist](#)
- [MSB Deliverables for Functionality Freeze Milestone Checklist](#)
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- [MSB Deliverables for API Freeze Milestone Checklist](#)
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- [MSB Deliverable for RC0 Milestone Checklist](#)
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- [MSB Deliverable for RC2 Milestone Checklist](#)
- [MSB Deliverable for Release Sign-Off Milestone Checklist](#)

Place for whatever the team needs