Eclipse IoT Testbeds

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Eclipse IoT WG Meeting – Feb 1, 2017

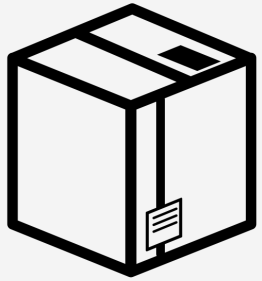
IoT Testbeds?

> Focus on an industry solution

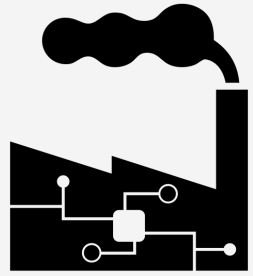
> Showcase a technical solution + vendor ecosystem

Examples:

Waste management



Asset tracking



Smart manufacturing

Eclipse IoT testbeds?

Create and host testbeds
that will
showcase Eclipse IoT projects
as well as our
member companies' offers for IoT

Requirements to participate in testbeds

- Target an **industry solution**
- Participants are **member of the Eclipse IoT Working Group**
- Minimum of **3 WG members involved**
- Minimum of **2 Eclipse IoT projects**

How to start a testbed at Eclipse IoT?

- Proposal
  - Short **description** of the scenario
  - High-level **architecture**
  - Identified **extension points**
  - List of **interested members**
  - List of **applicable Eclipse IoT projects**
- Review

Completed testbed?

- Executive Summary
- Blueprint / Architecture Diagram
- Documentation (API)
- Demo kit (ex. for tradeshows)
- Demo system running 24/7 at Eclipse
- Webinars / Short videos
- White Paper
- etc.

Promotion of the testbeds

- Tradeshows
- Fact sheets
- Webinars
- Demo system running 24/7
- Tutorial/Workshops
- etc.

Timeline

Feb 1st	Presentation of the **strategy** to IoT WG members
mid-Feb	**Use case** for the first testbed is **agreed upon**
Feb-Apr	**Develop** testbed
May 2-4	**Announce** the first Eclipse IoT test bed at Red Hat Summit 2017 (Press release + demo pod)
May 16-18	Demo pod at **IoT World 2017**

Next steps

- Document the demo available today + API
- Setup collaboration channels (weekly(?) calls, Github, mailing list, …)
- Recruit at least 2 new members
- Create collateral:
  - New section on iot.eclipse.org
  - Architecture diagram, slide deck, …
- Setup a live demo

iot
eclipse.org

Questions?