OpenMobility Working Group - Telco

October 12, 2017

Knowledge for Tomorrow

Participants

- Robert Hilbrich (DLR)
- Gregor Lämmel (DLR)
- Michael Behrisch (DLR)
- Mathias Höhne (DLR)
- Christoph Sommer (University Paderborn)
- Michele Segata (University of Trento)
- Rainer Gasper (Bosch)
- Andre Oberschachtsiek (VW, substitute for Andreas Ebert)

Status: Eclipse SUMO

- Progress in the development of SUMO
- OpenADX – Open Autonomous Driving Accelerator: Microsoft, Bosch, VW, …
- Automotive Unconference @ Eclipsecon (Monday, October 23, 2017 - 09:00 to 12:30)
  Topics for the automotive unconference session include reports from our automotive-related working groups (openMDM, openPASS, openMobility)
  https://www.eclipsecon.org/europe2017/schedule_item/automotive-unconference
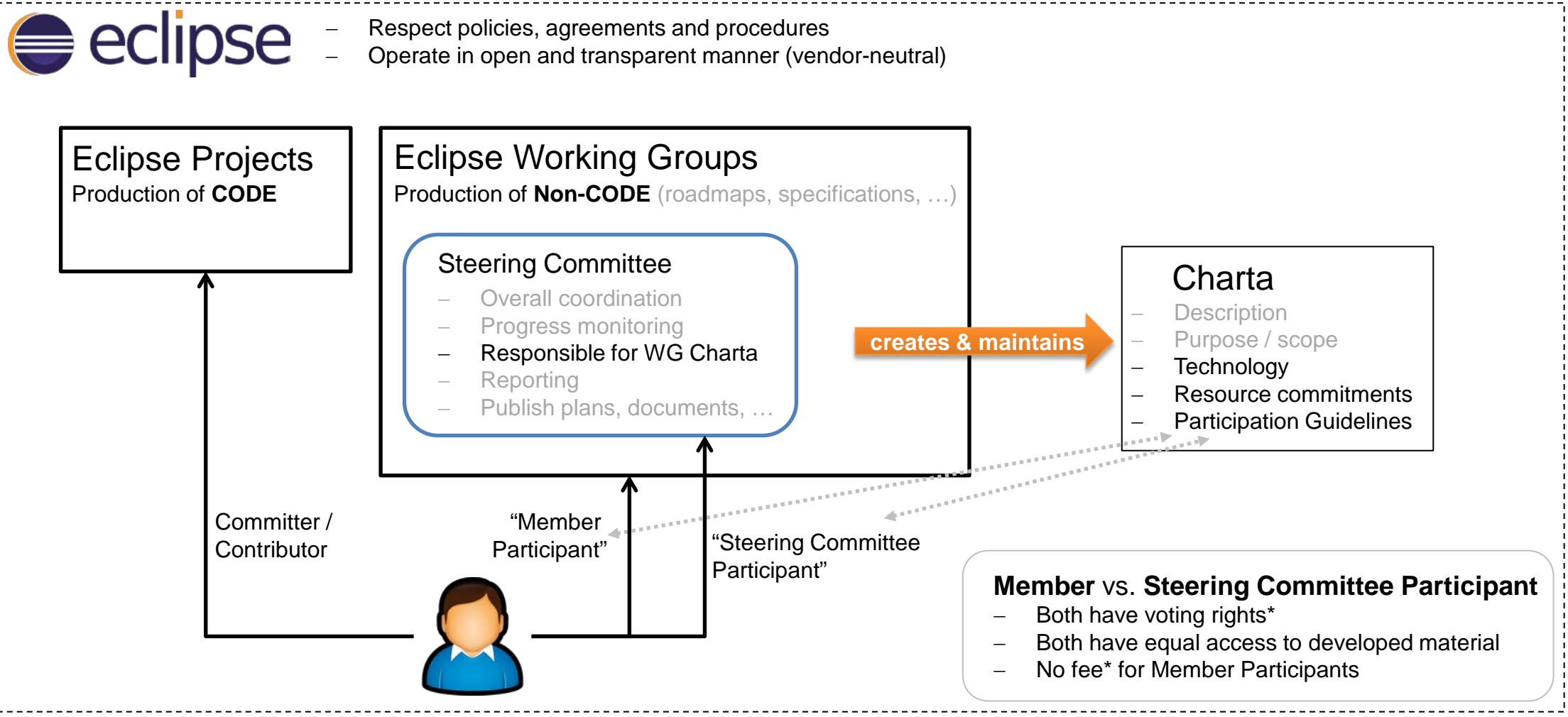
Status: OpenMobility Working Group

- Mailinglist:
  - openmobility@eclipse.org
  - Subscribe: https://dev.eclipse.org/mailman/listinfo/openmobility
  - Has everyone subscribed to the mailing list?

- OpenMobility: Your Feedback
  - Vision & Scope
    - Part of the meeting minutes (https://wiki.eclipse.org/OpenMobilityMeetingMinutes)
    - Changes? Additions?
      - Comments from Michele:
        - To add autonomous driving in "purpose and scope"
        - To make clear which tools we address and which not
        - highlighting that an interface is to be developed

Eclipse Industry Working Group Process

https://www.eclipse.org/org/workinggroups/industry_wg_process.php

eclipse
– Respect policies, agreements and procedures
– Operate in open and transparent manner (vendor-neutral)

Eclipse Projects
Production of **CODE**

Eclipse Working Groups
Production of **Non-CODE** (roadmaps, specifications, …)

Steering Committee
– Overall coordination
– Progress monitoring
– Responsible for WG Charta
– Reporting
– Publish plans, documents, …

creates & maintains →

Charta
– Description
– Purpose / scope
– Technology
– Resource commitments
– Participation Guidelines

Committer /
Contributor

"Member
Participant"

"Steering Committee
Participant"

Member vs. **Steering Committee Participant**
– Both have voting rights*
– Both have equal access to developed material
– No fee* for Member Participants

Eclipse Industry Working Group Process

https://www.eclipse.org/org/workinggroups/industry_wg_process.php

- Envisioned Roles?
    - Producer of code (contribute manpower)
    - User of code (contribute funds)
    - Member participant
- Volkswagen:
    - has to discussed internally with their lawyers first, further information will follow
    - is already am member of another Eclipse Working group (OpenPASS Working Group)
    - plans to contribute with funding
    - Steering Committee need to decide about the amount of funding in summer of next year
    - Prefers to schedule a separate meeting with DLR and other departments of VW first
- Bosch:
    - plans to contribute with funding too, but the amount of money isn't still clear yet
- Michele, University of Trento:
    - Prefers to join as a committer only cause of limited resources
- Christoph:
    - Prefers to join as a committer too

Status: OpenMobility Working Group

- Goal
  - Users want to ensure the longevity of a platform and/or influence the direction of its development
  - Producers want to collaborate towards a common simulation platform

- Participation Guidelines
  - "Steering Committee Participant"
    - [5.000 to 30.000 US $ / year] (depending on company turnover) **OR**
    - Contribute [0,5 to 2 FTE / year] for
      - Committing code for Eclipse Projects supporting the OpenMobility roadmap
      - Creation of roadmaps and technical documents for the working group
      - Community development and evangelism
- Steering Committee
  - Define objectives and fees for each year
  - Composition similar to PolarSys?

- No sub-committees

Status: OpenMobility Working Group

- Who?
    - Producer of code (contribute manpower)
    - User of code (contribute funds)
    - Member participant

- Schedule
    - Next telco: **10th November, 10am**
    - In-person meeting: 20th November in Berlin (time and location will be send ASAP)
    - Planed official launch date of the working group: **1st January 2018**

Misc

- In contact with VDA
  - First conversation with Mr. Kuhle (Senior Manager "networked and automated driving" VDA) regarding the presentation of Eclipse SUMO to other potential partners of the automotive industry
  - https://www.vda.de/en/association/departments/department-networked-and-automated-driving/co-ordination-team-networked-and-automated-driving-team