ROSSIN

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When to embrace ROS-I?

- When high component quality is guaranteed
  - Quality assurance
    - Reviews
    - Testing
  - Model driven development
  - Scanning

- When there are enough skilled developers
  - Education
    - Trainings
    - MOOCs
    - Internship brokerage
    - Certification

- When my customers want/use it
  - Dissemination / community
  - Focused Technical Projects
Focused Technical Projects

• Participants
  – Those who need specific ROS-I capability

• Champion
  – Lead of participants

• Performer(s)
  – Those who can develop the ROS-I capability (can include participants)
Example: CAD-to-ROS

- Milestone 1: Robots / grippers / sensors to ROS
- Milestone 2: Engineering data to ROS
- Milestone 3: Point cloud conversion
Focused Technical Projects

1. Make FTP team
2. Agree on milestones
3. Do the work and pay the performers

Chicken and egg problem...

ROSIN project will fund up to 1/3 (first milestone)
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<th>Quality assurance (WP3)</th>
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Challenge the future
How?

ROSIN starts January 2017
Submit proposal any time
- instructions will be on website
Review cycle every 3 months
Maximum ROSIN contribution €100k
No ranking; first come first serve
Questions?