This talk has a lot of hyperlinks.
Download the slides at bit.ly/ros2contrib

Getting involved in ROS 2 development

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ROSCon 2018, Madrid

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Feature workflow

Discussion
1

Input from community on ROS Discourse

Example: ROS 2 Navigation - Input requested Discourse thread

Feature workflow

Discussion
Input from community on ROS Discourse

Design doc
Goal, decisions and rationale, what it looks like

ROS 2 Design

- Change the Node Name
- Remap Topic and Service Names Separately

Not supported:

- Change a Token
- Pre-FQN Remapping

How the Syntax Works

The structure of a remapping rule is `match:=replacement`. `match` tests if a name should be remapped. `replacement` says what the new name will be. `:=` behaves the same as it does in ROS 1.

Example rules are:

- `foo:=bar`
- `/foo/bar:=fiz/buzz`
- `nodename:~/foo:=foo`
- `**/foo:=\1/bar`

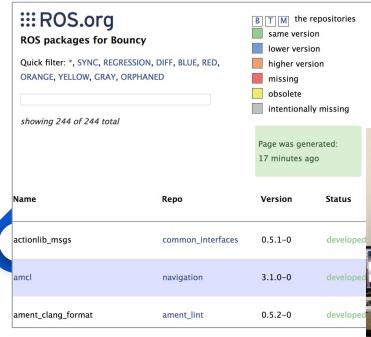Example: Remapping Names pull request on design.ros2.org

Feature workflow

Example: [Static remapping meta-ticket](#) on GitHub
- Library responsibility separation
- API outline
- Tracking design decisions

Feature workflow

Feature workflow

1 **Discussion**

2 **Design doc**

3 **Code contributions**

4 **Release & packaging**

Examples of iteration:
- [Discourse discussion](#) resulting in update to Time design doc

- Bug report resulting in [re-work of namespace implementation](#)

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Troubleshooting workflow

ROS Answers

Troubleshooting /
closed-ended questions on
[answers.ros.org with ros2 tag](answers.ros.org)

Troubleshooting workflow

ROS Answers	Github issue

Troubleshooting /
closed-ended questions on
answers.ros.org with ros2 tag

Sometimes cause for opening
an "issue" on GitHub for bug
report / feature request

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Troubleshooting workflow

ROS Answers → Github issue

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Sometimes cause for opening
an "issue" on GitHub for bug
report / feature request

Answering questions
- Updating docs/wiki

Bug reports
Try with:
- Latest source code
- Different DDS vendor

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Feature workflow

1. **Discussion**
2. **Design doc**
3. **Code contributions**
4. **Release & packaging**

Design discussion input

Contribute PRs

Release your packages

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Getting involved in ROS 2 development

1. Answer questions, improve docs: answers.ros.org "ros2" tag

2. Bug reports: Quality ROS 2 bug reports

3. Contribute PRs: ROS 2 contributing guide

4. Design discussions: ROS 2 design repo, Discourse channel

5. Release your work: Wiki page

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