

Node Manager – Cheat Sheet



Start

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|--------------------------|-------------------|
| Start roscore in advance | • \$ roscore |
| Run node_manager | • \$ node_manager |








Loading

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|----------------------------------|------------------------|---|
| Load Launchfile | • Press <i>Load</i> |  |
| Default configuration Launchfile | • Press <i>default</i> |  |

Launching

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|---|---|
|  Run loaded Launchfile | • Press <i>Play on toplevel hierachy</i> |
| Use Capability-View | • Press on (if default cfg)  |

Tools

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|---|--|--|---|---------------|--|
|  Nodes |  Topics |  Services |  Parameter | Nodes tab | • Play/Stop loaded nodes  |
| | | | | Topics tab | • Monitor or publish topics |
| | | | | Services tab | • Call Services |
| | | | | Parameter tab | • Get or set Parameter server |
| | |  | | Rqt Button | • Start rqt |
| | |  | | Run Button | • Start any rosnode |

Configure

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|----------------------------|---|
| Launchfiles | • Cfg is stored in launch file |
| Capability_group parameter | • Use <code><param name="capability_group" value="my_group"/></code> to group nodes to capabilities |
| Robots Parameter | • Name and description of host |
| Capabilities Parameter | • Name and description of capability-groups |

Installation

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|----------------|--|
| Debian install | • \$ sudo apt-get install ros-hydro-multimaster-fkie |
| Github | • git clone https://github.com/fkie/multimaster_fkie.git |

Help

- | | |
|-------------|---|
| Ros Wiki | • http://wiki.ros.org/node_manager_fkie |
| Github Wiki | • http://fkie.github.io/multimaster_fkie/node_manager.html |
| Contact | • alexander.tiderko@gmail.com |