

**/camera\_unit\_[0|1|2|3]**

manipulator

avt\_vimba\_  
camera

detection  
and tracking

/master/keyboard/  
keydown\_[0|1|2|3],  
/master/keyboard/  
keyup\_[0|1|2|3],  
/master/joy\_[0|1|2|3]

camera\_unit\_[0|1|2|3]/  
new\_target,  
\*network\*/  
new\_target

~/manip\_pos

~/start\_detection,  
~/new\_target\_id

~/target\_state

/master/  
target\_state\_local

~/manip\_pos

~/manip\_move

~/camera/  
image\_raw

~/new\_target

**/master**

controls

joy

keyboard

~/joy

~/joy

~/keyboard/keydown,  
~/keyboard/keyup

~/keyboard/keydown,  
~/keyboard/keyup

~/select\_manipulator

~/start\_detection

~/target\_  
state

~/new\_target

position  
estimation  
node

GUI

camera\_unit\_[0|1|2|3]/  
manip\_pos

camera\_unit\_[0|1|2|3]/  
new\_target

camera\_unit\_[0|1|2|3]/  
camera/  
image\_raw

camera\_unit\_[0|1|2|3]/  
manip\_pos