

GraspMMI Release Notes

This is an overview of changes from one release to the next.

See <https://github.com/PsyPhy/GRASPOnISS/commits/master> for a more detailed record of changes.

V1.0 – delivered 25/01/2017

GraspMMI Release (2017-01-25 10h30m23s)_FullDelivery.tar
GraspMMI Release (2017-01-25 10h30m23s)_FullDelivery.md5

Initial version of GraspMMI delivered to CADMOS on 25/01/2017 with full source code and instructions for generating run-time environment for use in the CADMOS ground segment.

This initial version includes two functional graphical user interfaces:

- GraspMMI Mirror

Provides a reflection of what the crewmember is seeing in the GraspGUI graphical interface running on the Perspectives laptop.

- GraspMMI Data Plots

Provides 3 main components:

- Graphical representation of the head position, head orientation and marker visibility displayed as strip charts versus time, with a time span of up to 12 hours.
- Graphical history of tasks and procedures displayed as a strip chart, also with a span of 12 hours.
- Hierarchical history of tasks and procedures performed by the crewmember, including indications when tasks terminate with off-nominal exit codes.

A third module, DexGroundMonitorClient.exe runs in the background with a simple DOS window interface. It communicates with EPM to capture packets that are pertinent to the GRASP experiment and places them in a local cache buffer.


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