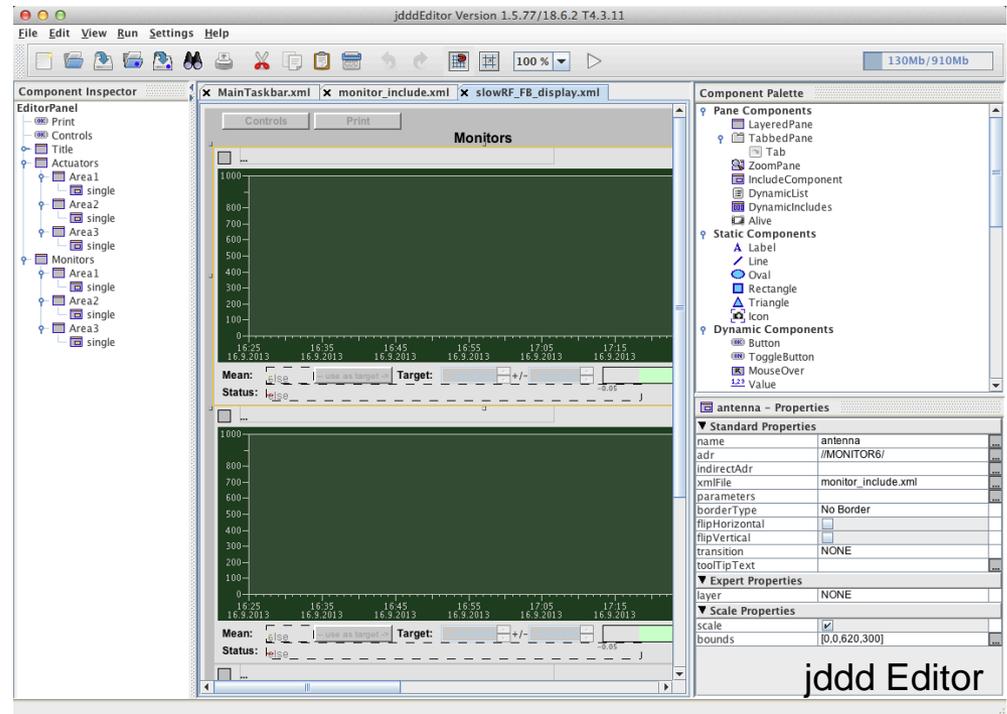
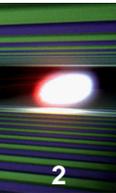


What is jddd?

- GUI designer for control system panels
- Editor is similar to standard graphical editors
- Many predefined widgets
- Interface for DOOCS, Tine, Tango and Epics
- It is used all around DESY



jddd: a tool for operators and experts to design control system panels



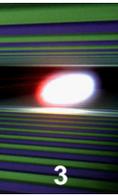
Screenshots

Main Taskbar interface showing various control panels for Laser, Beamline, RF Gun, ACC1, and ACC39. The interface includes sections for Laser (Laser 1, Laser 2), Beamline (Laser Beamline, BSA, GUN Cameras), RF Gun (GUN Operation, GUN Section, GUN Conditioning, Water, Temperature Tuning), ACC1 (ACC1 Operation, Overview 1, Couplers 1, Klystron 2), and ACC39 (ACC39 Operation, Overview 39). It also includes sections for Injector, Laser Tools, Attenuator, Spare Motor, Watch LUVVA, Gun Tools, GUN Actuators, Solenoid Mover, Solenoid Position, and Gun Manuals. A System overview diagram is shown at the bottom.

LLRF main station overview interface showing voltage and phase data for RF GUN, ACC1, ACC39, ACC23, ACC45, and ACC67. The interface includes a table of parameters and several graphs: Amplitude, Phase, and MAIN ACC1. The Amplitude graph shows a peak around 160. The Phase graph shows a dip around 1000. The MAIN ACC1 graph shows a control error and correction tables. The interface also includes a Control section with checkboxes for LFF Enable, FB, LFB, and LFC, and a Settings section with various parameters like Corbuck, min. error, Rap Count, Filter res. count, and stop time.

TTF2 DIAG/CAM GUNAREA/3GUN interface showing camera parameters and a live image of a gun area. The interface includes a Camera Connection section with checkboxes for Server, Power, Camera, and I/O Server. It also includes a Frame section with a live image of a gun area, a Scale X/Y section, and a Trigger section with a Rate (Hz) of 5.0 and a Shutter of 75. The Device Info section shows the device name as BaserLA31190x00305300-013fa7d.

rpc_test.xml interface showing a table of device parameters and their values. The interface includes a Facility Filter, Device Filter, Location Filter, and Properties Filter. The table lists parameters such as TTF2_VAC, TTF2_RF, TTF2_DIAG, TTF2_DAG, TTF2_EXP, TTF2_MAGNETS, TTF2_UTIL, TTF2_KRYO, TTF2_FEL, TTF2_SYSTEM, TTF2_CRATE, TTF2_FEEDBACK, TTF2_SYNCH, FLASH_DIAG, FLASH_RF, FLASH_SYSTEM, FLASH_CRATE, TTF_CRATE, TTF_VAC, TTF_RF, TTF_UTIL, TTF_KRYO, TTF_SYSTEM, AMIT_VAC, AMIT_RF, AMIT_SYSTEM, and AMIT_KRYO. The table also lists parameters for FLASHPLCSVR1_SVR and KLY_LOLA. The table has columns for Name, Value, and Units.



Management of currently more than 3600 jddd displays

→ Useful tools for jddd designers and operators:

- Panel browser with file search
- Panel dependencies dialog
- Panel update info dialog

→ Collection and evaluation of statistical data:

- Panel usage statistics for cleaning up files
- Performance check for panel designer
- Code quality check for jddd developers

More information available on poster: **TUPPC104**