

Status of the LHC online model (I. Agapov, LCU 8-Apr-2008)

Products

- OM manager* madx and python development environment; export and import of knobs; import of optics files from DB;
- OM server* Embedding computations into LSA;
runs computations on request; performs scheduled tasks such as repository backups and updates.
- OM libraries* java and python libraries with various utilities
- Repository* logic
- LSA-MADX* operator interface to trim simulation
- LSA-KNOBS* operator interface to bump calculation

Status

OM manager available (in alpha testing)
Public release and support start in the coming days (probably 11 Apr)

installation instructions and documentation at
<file:///afs/cern.ch/eng/sl/online/om/docs/user-guide/om/index.html>

or under 'Help' menu of the executable

OM server available, minor improvements foreseen. API in the manual.

OM libraries Continuously developing. API in the manual.

Repository Continuously developing. AFS version /afs/cern.ch/eng/sl/online/om/repository
technet mirror /user/slops/data/2008/OP_DATA/online-model/repository

LSA-MADX now in refactoring

LSA-KNOBS now in refactoring

EXPANDED DEMONSTRATION FORESEEN AT ONE OF THE COMING LCU MEETINGS