

Contents of the ITM Public Database								
16/06/2009								
Machine name	User name	Shot number	Run number	Data version	Path	Description	CPO list	Source
test	public	4	1	4.07a	/pfs/itmdb/itm_trees/public/test/4.07a/mdsplus/0	Test example with a few dummy CPOs : contains augmented physical data used as input to the ETS prototype (July 2008). Basic input data for 4.07a Kepler demo workflows.	Topinfo, equilibrium (1 time slice), coreprof (3 time slices), coretransp, neoclassic (2 time slices)	Created by script 4.07a_standard/createETSexample.
test	public	1	1	4.06d	/pfs/itmdb/itm_trees/public/test/4.06d/mdsplus/0	Test example with a few dummy CPOs : contains physical data used as input to the ETS prototype (July 2008).	Topinfo, equilibrium (1 time slice), coreprof, coretransp, neoclassic (2 time slices)	Created by script createETSexample.
test	public	2	1	4.06d	/pfs/itmdb/itm_trees/public/test/4.06d/mdsplus/0	Input for simple Helena workflow	equilibrium (1 time slice)	
test	public	2	2	4.06d	/pfs/itmdb/itm_trees/public/test/4.06d/mdsplus/0	Output of simple Helena workflow. Contains in particular a pretty complete equilibrium CPO.	equilibrium (1 time slice)	Output of simple Helena workflow, using input from previous entry (shot 2, run 1)
test	public	3	1	4.06d	/pfs/itmdb/itm_trees/public/test/4.06d/mdsplus/0	Test example with coreprof, coretransp and neoclassic CPOs from public shot 1, run 1; equilibrium CPO from public shot 2, run 2. Recommended as main example for testing / practicing the ITM tools.	Topinfo, equilibrium (1 time slice), coreprof, coretransp, neoclassic (2 time slices)	See description. Created by script ~imbeaux/4.06d/merge_pulse.f90
mast	public	0	1	4.06d	/pfs/itmdb/itm_trees/public/mast/4.06d/mdsplus/0	Official machine description for MAST (version 14/04/2008).	Topinfo, interfdiag, limiter, magdiag, msediag, pfsystems, toroidfield, vessel	Created by script ~imbeaux/4.06d_standard/MachineDescription_MAST_140408.f90
tore_supra	public	0	1	4.06d	/pfs/itmdb/itm_trees/public/tore_supra/4.06d/mdsplus/0	Official machine description for Tore Supra (version 17/10/2008).	Topinfo, interfdiag, ironmodel, limiter, magdiag, msediag, pfsystems, toroidfield, vessel	Created by script ~imbeaux/4.06d_standard/MachineDescription_TS_171008.f90
tore_supra	public	39736	1	4.06d	/pfs/itmdb/itm_trees/public/tore_supra/4.06d/mdsplus/0	Tore Supra discharge 39736 - not validated yet	Topinfo, magdiag, pfsystems, toroidfield	exp2ITM, using machine description (public,run 1)
jet	public	0	1	4.06d	/pfs/itmdb/itm_trees/public/jet/4.06d/mdsplus/0	Wolfgang Zwingmann's machine description for JET (version 28/09/2007)	Topinfo, ironmodel, limiter, magdiag, msediag, pfsystems, vessel	Created by script ~imbeaux/4.06d_standard/MachineDescription_JET_280907.f90 (which was created from the "hybrid" format, to check the whole chain)