

- Not much new, several people away
- Several “GOOD” ATN tests! (no REGTEST problems)

The screenshot shows a web browser window displaying a table of trigger validation results. The table has columns for test category, test name, status, count, details, and reference. The status column shows 'BAD', 'OK?', and 'GOOD'. The details column includes 'Test failed: /tmp/outputHLTconfig.xml not found', 'REGTEST diffs', and a smiley face emoji. The reference column shows 'JTB 2/7/7', 'JTB 6/8', 'RG 6/8', and 'RG 5/8'.

Category	Test Name	Status	Count	Details	Reference
	AthenaAOD?_rerunHYPO	BAD	5	Test failed: /tmp/outputHLTconfig.xml not found	JTB 2/7/7
electron	ElectronSliceAthenaRDO?	OK?	1	REGTEST diffs	JTB 6/8
	ElectronSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	JTB 6/8
photon	PhotonSliceAthenaRDO?	GOOD	1	😊	JTB 6/8
	PhotonSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	RG 6/8
muon	MuonSliceAthenaRDO?	OK?	5	REGTEST diffs	RG 3/8
	MuonSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	JTB 6/8
tau	TauSliceAthenaRDO?	OK?	1	REGTEST diffs	JTB 6/8
	TauSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	JTB 6/8
jet	JetSliceAthenaRDO?	GOOD	1	😊	JTB 6/8
	JetSliceAthenaRDOtoESDAOD?	OK	1	😊	JTB 6/8
MET	METSliceAthenaRDO?	GOOD	1	😊	JTB 6/8
	METSliceAthenaRDOtoESDAOD?	OK	1	😊	JTB 6/8
Bphys	BphysicsSliceAthenaRDO?	OK?	1	REGTEST diffs	JTB 6/8
	BphysicsSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	JTB 6/8
Bjet	BjetSliceAthenaRDO?	OK?	1	REGTEST diffs	JTB 6/8
	BjetSliceAthenaRDOtoESDAOD?	OK?	1	REGTEST diffs	JTB 6/8
cosmics	CosmicsSliceAthenaRDO?	BAD	0	See <a href="#">TriggerValidationChecksCosmics</a>	RG 5/8
ID	IDAthenaRDO?	OK?	1	REGTEST diffs	JTB 6/8

# To-do list...

- Several issues need addressing
  - Not urgent, but would make our lives easier...
- RTT “big” files (a few Gb)
- ATN tests must be made more robust
- Test smaller parts of the code
- Make tests robust against changes elsewhere
- Would make checking the status very easy...

# Trigger validation

- A few more memory leaks wrt to the week before have been found and either fixed or waiting for experts. (#28514, #28512, #28295...)
- Many tests were failing with timeout waiting for database. This eventually disappeared.
- Unreproducible tracking results due to ID geometry was still there a few days ago, as far as we could tell.
- Problems with files ...\_merged\_confDb.py (#28416) broke one nightly or two but is now fine.
- A problem was found and solved with the THistSvc used in monitoring in the b-jet slice.
- Crash in TrigTauRec (#28486) affected one or two nightlies. Now fixed.
- The persistency service was aborting the event loop in a few nightlies (#28537). Looks fine now.