

Concurrent stripping of 2017 pp data (Stripping29).

The deadline for commits is **Friday 26th May**. Any MRs submitted after this date are unlikely to be accepted as we need the Stripping to be deployed promptly in order to avoid a backlog of data.

For testing, use DaVinci v42r3. To set up, do

```
lb-dev DaVinci/v42r3
cd DaVinciDev_v42r3
git lb-use Stripping
git lb-checkout Stripping/master Phys/StrippingSelections
make configure
make
```

Liaisons will also want to checkout StrippingSettings with

```
git lb-checkout Stripping/master Phys/StrippingSettings
```

before building. Currently development is still being done on the master branch.

See also the development instructions here.

As usual, testing individual sets of lines should be done using the script

```
$(STRIPPINGSELECTIONSROOT)/tests/users/TestMyStrippingLine.py
```

Make a copy and edit

```
confname
```

to run your configuration.

For liaisons, once the config dicts are committed to StrippingSettings and the dbase has been updated, tests of WG lines should be done using

```
$(STRIPPINGSELECTIONSROOT)/tests/liaisons/TestMyWGfromSettings.py
```

Make a copy and edit

```
my_wg
```

to run the tests for your WG.

The tags should be

```
DaVinci().DDDBtag = 'dddb-20150724'
DaVinci().CondDBtag = 'cond-20170325'
```

The HLT output for 2017 will be very similar to 2016, so tests are to be performed on 2016 data. Two test datasets are provided, corresponding to the tight and loose HLT1 TCKs that were used during 2016 data taking:

```
# Tight HLT1 TCK
#importOptions("$(STRIPPINGSELECTIONSROOT)/tests/data/Reco16_Run179101.py")
# Loose HLT1 TCK
importOptions("$(STRIPPINGSELECTIONSROOT)/tests/data/Reco16_Run182594.py")
```

please run your tests on both datasets.

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In case you want to test from Settings before the dbase is updated, do

```
./run python Phys/StrippingSettings/python/StrippingSettings/makeDB.py Stripping29
mv stripping.tmp Phys/StrippingSettings/dbase/striping29
make purge && make
```

before running the test from Settings.

-- MichaelAlexander - 2017-05-22

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