Why does scriptForPI.py crash with the error No such file or directory: `../rawdata/uid__A002_X12345_X1234.ms.flagversions.tgz`?

Erica Keller - 2020-09-21 - Offline Data Reduction and/or CASA

Due to a change in CASA, the task hif_restoredata now searches for calibration files with the extension *.tgz. Data products that were produced using CASA versions prior to 4.7.0 contain calibration files with the extension *.tar.gz. This leads scriptForPI.py to crash with the error:

```
IOError: [Errno 2] No such file or directory: `../rawdata/uid__A002_X12345_X1234.ms.flagversions.tgz`
```

ScriptForPI.py can be run in CASA versions 4.7.0 and above by changing the extension names of the caltables and flagversions files in the calibration directory.

For example:

```
mv uid__A002_X12345_X1234.ms.flagversions.tar.gz
uid__A002_X12345_X1234.ms.flagversions.tgz

mv uid__A002_X12345_X1234.session_1.caltables.tar.gz
uid__A002_X12345_X1234.session_1.caltables.tgz
```

Tags
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calibration
casa
restore
restoredata
restoring
scriptforpi