RINEX 3 long filename creation

The RINEX 3 format (http://bit.ly/1YaodnI) defines a new naming scheme for the files. The new names are longer and more descriptive allowing more information to be self-explanatory from the name.

Current deliveries to the IGS Data Centers of RINEX 3 files using short names shall be switched to the proper long filenames **as soon as possible**. You may submit RINEX 3 files with long names in parallel with the current RINEX 3 short name files until the end of August 2016, or you can switch to long names immediately.

Creating long name Rinex 3 filenames for Obs and Nav files can be done as described below with the tool ***RX3name*** which can be downloaded from the acc.igs.org webpage under the heading "**RINEX Conversion Software**"

To use, first download your needed version from the link above and extract the executable from the tar file.

To print to the screen the long filename from existing official short filenames (Daily, Hourly and High-Rate filenames supported);

```
> RX3name llag1230.16o
LLAG00ESP_R_20161230000_01D_30S_MO.rnx

> RX3name llag123g.16o
LLAG00ESP_R_20161230600_01H_30S_MO.rnx

> RX3name llag123k45.16o
LLAG00ESP_R_20161231045_15M_01S_MO.rnx
```

To create a long-name copy of the file in the directory where the short name file is found you could use from a Linux command line;

```
> RX3name llag123k45.16o | xargs –I {} cp llag123k45.16o {}
```

If a station is not identified automatically by ***RX3name*** introduce the needed monument, receiver and country information after the short filename;

```
> RX3name mas2234r.16d 00ESP
MAS200ESP_R_20162341700_01H_30S_MO.crx
```

If you need to force the file data source to "Stream" use a "–S" as follows;

```
> RX3name -S mas2234r.16d 00ESP
MAS200ESP_S_20162341700_01H_30S_MO.crx
```

Executing the tool without any inputs write some helpful instructions to the screen.

Please let us know if you need more indications to start delivering your own RINEX 3 files with the correct names! *Thanks.*

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