1.2 bimafiller - Module

Module for converting a MIRIAD visibility file to a MeasurementSet

Tools

bimafiller	Tool for converting a MIRIAD visibility file to a MeasurementSet (deprecated)

Description

The `bimafiller` module containst the tool for converting a MIRIAD visibility file to an AIPS++ MeasurementSet.
NOTE: This module is **deprecated**. The `mirfiller` module replaces this one and should be used instead for converting MIRIAD visibility files.

1.2.1 bimafiller - Tool

Package bima
Module bimafiller

Tool for converting a MIRIAD visibility file to a MeasurementSet (deprecated)

Constructors

bimafiller	Construct the bimafiller tool

Functions

done	Destroy the bimafiller tool
fill	Fill the data
gui	Bring up a GUI for user interaction
setoptions	Set options to control the filling.

include "bimafiller.g"

Description

The `bimafiller` tool is used to convert a MIRIAD visibility file to an AIPS++ MeasurementSet.
NOTE: This tool is **deprecated**. The `mirfiller` tool replaces `bimafiller` and should be used instead for converting MIRIAD visibility files.

bimafiller - Constructor

Package	**bima**
Module	**bimafiller**
Tool	**bimafiller**

Construct the bimafiller tool

Synopsis
bimafiller(msname, mirname)

Arguments

msname	Filename for MeasurementSet to create Allowed:String Default: ”
mirname	Name of an input miriad visibility dataset (note, miriad datasets are directories). Allowed:String Default: ”

Returns
bimafiller tool

Description

This constructor just creates the bimafiller tool, it does not do any actual filling.

Example

```
- mybf := bimafiller(msname='3c273.ms', mirname='3c273.vis')
```

---

bimafiller.fill - Function

Package	**bima**
Module	**bimafiller**
Tool	**bimafiller**

Fill the data

Synopsis
fill()

Returns
T or F

Description

This function does the actual filling of the data from miriad format file to a MeasurementSet.

Example
Fill the data from the miriad visibility file `3c273.vis` into the MeasurementSet `3c273.ms`.

```
- mybf := bimafiller(msname='3c273.ms', mirname='3c273.vis')
- mybf.fill()
- mybf.done()
```

---

bimafiller.setoptions - Function

Package	**bima**
Module	**bimafiller**
Tool	**bimafiller**

Set options to control the filling.

Synopsis
setoptions(msname, mirname)

Arguments

msname	Filename for MeasurementSet to create Allowed:String Default: ”
mirname	Name of an input miriad visibility dataset Allowed:String Default: ”

Description

Set the options to control the filling of the MeasurementSet. Currently, only the input visibility file and output MeasurementSet can be chosen, but further options will soon be added.

Returns
T or F

Example

```
- mybf := bimafiller(mirname='3c273.vis')
- mybf.setoptions(msname='3c273.ms')
- mybf.fill()
- mybf.done()
```

---

bimafiller.gui - Function

Package	**bima**
Module	**bimafiller**
Tool	**bimafiller**

Bring up a GUI for user interaction

Synopsis
gui()

Returns
T or F

Description

This brings up a small GUI which allows the user to set the parameters for the filler. Currently, the only parameters that can be set are the name of the input visibility dataset and the output MeasurementSet. Logging of output from the filler is shown in the GUI as well. The filling can also be initiated from this tool.

Example

```
- mybf := bimafiller(mirname='3c273.vis', msname='3c273.ms')
- mybf.gui()
- mybf.done()
```

---

bimafiller.done - Function

Package	**bima**
Module	**bimafiller**
Tool	**bimafiller**

Destroy the bimafiller tool

Synopsis

done()

Returns

T or F

Description

This destroys the `bimafiller` tool.
