usedefaultvp	Look up the default VP for this telescope and frequency? Allowed Bool Default T
vptable	If usedefaultvp is false, provide a VP Table made with vpmanager Allowed String
dosquint	Activate the beam squint in the VP model Allowed Bool Default True
parangleinc	Parallactice angle increment for squint application Allowed Quantity Default 360deg

Returns
calibration data item
or fail

Description

This function creates a voltage pattern calibration data item from either a default beam response, or from a voltage pattern table created by the vpmanager. This image-plane correction is applied during imaging; especially in mosaicing.

Example

```
mycm:= calibrationmanager();
item1:= mycm.vp(usedefaultvp=T, dosquint=F);
```

Create a calibration data item item1 representing default voltage pattern calibration with the squint term disabled.

1.6.8 calibrationlistmanager - Tool

Package synthesis
Module map

Data manager for calibrationlist data items include "callistmanager.g"

Constructors

calibrationlistmanager	Create a calibrationlist data manager

Functions

calibrationlist	Create a list of calibration data items

Overview of `calibrationlistmanager` **tool functions**

The calibration list data manager allows the creation of a list of calibration data items, which can be individually created using the calibrationmanager.

calibrationlistmanager - Constructor

Package	synthesis
Module	map
Tool	calibrationlistmanager

Create a calibrationlist data manager

Synopsis

calibrationlistmanager()

Arguments

Returns

calibrationlistmanager tool
or fail

Description

Constructs a calibrationlist data manager, which can be used to create a list of calibration data items. The default calibration data manager is called dcl, and is created when the the file callistmanager.g is included.

Example

```
myclm := calibrationlistmanager()
```

This creates a calibration manager called myclm.

---

calibrationlistmanager.calibrationlist - Function

Package	synthesis
Module	map
Tool	calibrationlistmanager

Create a list of calibration data items

Synopsis

```
calibrationlist(type1, calibration1, type2, calibration2, type3,
calibration3, type4, calibration4, type5, calibration5)
```

Arguments

type1	Jones matrix type #1 Allowed:'T'|'G'|'D'|'B'|'VP' Default:unset
calibration1	Calibration #1 Allowed:Calibration Default:unset
type2	Jones matrix type #2 Allowed:'T'|'G'|'D'|'B'|'VP' Default:unset
calibration2	Calibration #2 Allowed:Calibration Default:unset
type3	Jones matrix type #3 Allowed:'T'|'G'|'D'|'B'|'VP' Default:unset
calibration3	Calibration #3 Allowed:Calibration Default:unset
type4	Jones matrix type #4 Allowed:'T'|'G'|'D'|'B'|'VP' Default:unset
calibration4	Calibration #4 Allowed:Calibration Default:unset
type5	Jones matrix type #5 Allowed:'T'|'G'|'D'|'B'|'VP' Default:unset
calibration5	Calibration #5 Allowed:Calibration Default:unset

Returns
calibrationlist data item
or fail

Description

This function creates a calibrationlist data item, which contains a list of individual calibration data items.

Example