t	Solution interval (sec) AllowedFloat Default0.0
phaseonly	Solve only for phase ? AllowedBoolean DefaultF
table	Name of output calibration table AllowedString
append	Append to calibration table AllowedBoolean DefaultF

Returns
solver data item
or fail

Description

This function creates a solver data item from a specified solution interval, solution type (phase only or not), and an output calibration table name, with or without the option of appending to the existing solutions in the table.

Example

```
mysv:= solvermanager();
item1:= mysv.general(t=30.0, table='cal1.gcal', append=T);
```

Create a solver data item item1 representing a solution interval of 30 seconds, full solution for amplitude and phase, and appending to the calibration table "cal1.gcal".

1.6.10 solverlistmanager - Tool

Package synthesis
Module map

Data manager for solverlist data items
include "slvlistmanager.g"

Constructors

solverlistmanager	Create a solverlist data manager

Functions

solverlist	Create a list of solver data items

Overview of `solverlistmanager` tool functions
The solver list data manager allows the creation of a list of solver data items, which can be individually created using the solvermanager.

solverlistmanager - Constructor

Package	synthesis
Module	map
Tool	solverlistmanager

Create a solverlist data manager

Synopsis
solverlistmanager()

Arguments

Returns
solverlistmanager tool
or fail

Description

Constructs a solverlist data manager, which can be used to create a list of solver data items. The default solver data manager is called dsl, and is created when the the file slvlistmanager.g is included.

Example

mysvm := solverlistmanager()

This creates a solver manager called mysvm.

---

solverlistmanager.solverlist - Function

Package	synthesis
Module	map
Tool	solverlistmanager

Create a list of solver data items

Synopsis
solverlist(type1, solver1, type2, solver2, type3, solver3, type4, solver4)

Arguments

type1	Jones matrix type #1 Allowed:'T'|'G'|'D'|'B' Default:unset
solver1	Solver #1 Allowed:Solver Default:unset
type2	Jones matrix type #2 Allowed:'T'|'G'|'D'|'B' Default:unset
solver2	Solver #2 Allowed:Solver Default:unset
type3	Jones matrix type #3 Allowed:'T'|'G'|'D'|'B' Default:unset
solver3	Solver #3 Allowed:Solver Default:unset
type4	Jones matrix type #4 Allowed:'T'|'G'|'D'|'B' Default:unset
solver4	Solver #4 Allowed:Solver Default:unset

Returns
solverlist data item
or fail

Description

This function creates a solverlist data item, which contains a list of individual solver data items.

Example

```
mysvm:= solverlistmanager();
mysv= solvermanager();
sol1:= mysv.general(t=30.0, table='bd46.gcal');
sol2:= mysv.general(t=600.0, table='bd46.bcal');
list:= mysvm.solverlist(type1='G',solver1=sol1,type2='B',
      solver2=sol2);
```

Create a solverlist data item list containing the solver data items sol1 and sol2, representing solvers for Jones matrices of 'G' and 'B' types respectively.