Reference

Wood, D.C. (June 1992). "The Computation of Polylogarithms. Technical Report 15-92". Canterbury, UK: University of Kent Computing Laboratory.

The function based on an algorithm by Didier Clamond.

DimDelta

DimDelta(*waveName*, *dimNumber*)

The DimDelta function returns the scale factor delta of the given dimension.

Use *dimNumber*=0 for rows, 1 for columns, 2 for layers and 3 for chunks.

If *dimNumber*=0 this is identical to deltax(*waveName*).

See Also

DimOffset, **DimSize**, **SetScale**, **WaveUnits**, **ScaleToIndex**

For an explanation of waves and wave scaling, see **Changing Dimension and Data Scaling** on page II-68.

DimOffset

DimOffset(*waveName*, *dimNumber*)

The DimOffset function returns the scaling offset of the given dimension.

Use *dimNumber*=0 for rows, 1 for columns, 2 for layers, and 3 for chunks.

If *dimNumber*=0 this is identical to leftx(*waveName*).

See Also

DimDelta, **DimSize**, **SetScale**, **WaveUnits**, **ScaleToIndex**

For an explanation of waves and wave scaling, see **Changing Dimension and Data Scaling** on page II-68.

DimSize

DimSize(*waveName*, *dimNumber*)

The DimSize function returns the size of the given dimension.

Use *dimNumber*=0 for rows, 1 for columns, 2 for layers, and 3 for chunks.

For a 1D wave, DimSize(*waveName*,0) is identical to numpnts(*waveName*).

See Also

DimDelta, **DimOffset**, **SetScale**, **WaveUnits**

Dir

Dir [*dataFolderSpec*]

The Dir operation returns a listing of all the objects in the specified data folder.

Parameters

If you omit *dataFolderSpec* then the current data folder is used.

If present, *dataFolderSpec* can be just the name of a child data folder in the current data folder, a partial path (relative to the current data folder) and name or an absolute path (starting from root) and name.

Details

The format of the printed information is the same as the format used by the string function **DataFolderDir**. Igor programmers may find it more convenient to use **CountObjects** and **GetIndexedObjName**.

Usually it is easier to use the Data Browser (Data menu). However, **Dir** is useful when you want to copy a name into the command line or when you want to document the current state of the folder in the history.

See Also

Chapter II-8, **Data Folders**.