

HDF5SaveGroup

HDF5SaveGroup [*flags*] *dataFolderSpec*, *locationID*, *nameStr*

The HDF5SaveGroup operation saves the contents of an Igor data folder in an HDF5 file.

Documentation for the HDF5SaveGroup operation is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "HDF5SaveGroup"
```

HDF5SaveImage

HDF5SaveImage [*flags*] *keyword* [=*value*]

The HDF5SaveImage operation saves an image dataset and in some cases a palette dataset in an HDF5 file using the format specified in the HDF5 Image and Palette Specification version 1.2.

Documentation for the HDF5SaveImage operation is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "HDF5SaveImage"
```

HDF5TypeInfo

HDF5TypeInfo(*locationID*, *datasetOrGroupNameStr*, *attributeNameStr*, *memberName*, *options*, *dti*)

The HDF5TypeInfo function stores information about the datatype of a dataset or attribute in the HDF5DataTypeInfo structure referenced by *dti*.

Documentation for the HDF5TypeInfo function is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "HDF5TypeInfo"
```

HDF5UnlinkObject

HDF5UnlinkObject [/Z] *locationID*, *nameStr*

The HDF5UnlinkObject operation unlinks the specified object (a group, dataset, datatype or link) from the HDF5 file.

Documentation for the HDF5UnlinkObject operation is available in the Igor online help files only. In Igor, execute:

```
DisplayHelpTopic "HDF5UnlinkObject"
```

hermite

hermite(*n*, *x*)

The hermite function returns the Hermite polynomial of order *n*:

$$H_n(x) = (-1)^n \exp(x^2) \frac{d^n}{dx^n} \exp(-x^2).$$

The first few polynomials are:

$$1$$

$$2x$$

$$4x^2 - 2$$

$$8x^3 - 12x$$

See Also

The **hermiteGauss** function.