```
// Load root:DataFolder0B and all objects in it using /GREP
LoadData/P=Data/Q/R/L=7/GREP={"(?i)^root:DataFolder0B:$",3,8,0} "Packed.pxp"

// Load all objects whose path contains "DataFolder" and whose name ends with "1"
LoadData/P=Data/Q/R/L=7/GREP={"(?i)DataFolder",2,7,0}/GREP={"(?i).*1$",1,7,0} "Packed.pxp"

// Load all objects in root:DataFolder0B and whose name ends with "0"
LoadData/P=Data/Q/R/L=7/GREP={"(?i)root:DataFolder0B:.*0$",3,7,0} "Packed.pxp"
```

See Also

SaveData, **Importing Data** on page II-126, **The Data Browser** on page II-114, **Regular Expressions** on page IV-176.

LoadPackagePreferences

LoadPackagePreferences [**/MIS=***mismatch* **/P=***pathName*] *packageName*, *prefsFileName*, *recordID*, *prefsStruct*

The LoadPackagePreferences operation loads preference data previously stored on disk by the **SavePackagePreferences** operation. The data is loaded into the specified structure.

Note: The package preferences structure must not use fields of type Variable, String, WAVE, NVAR, SVAR or FUNCREF because these fields refer to data that may not exist when LoadPackagePreferences is called.

The structure can use fields of type char, uchar, int16, uint16, int32, uint32, int64, uint64, float and double as well as fixed-size arrays of these types and substructures with fields of these types.

If the /P flag is present then the location on disk of the preference file is determined by *pathName* and *prefsFileName*. However in the usual case the /P flag will be omitted and the preference file is located in a file named *prefsFileName* in a directory named *packageName* in the Packages directory in Igor's preferences directory.

Note: You must choose a very distinctive name for *packageName* as this is the only thing preventing collisions between your package and someone else's package. If you use a name longer than 31 bytes, your package will require Igor Pro 8.00 or later.

See **Saving Package Preferences** on page IV-251 for background information and examples.

Parameters

packageName is the name of your package of Igor procedures. It is limited to 255 bytes and must be a legal name for a directory on disk. This name must be very distinctive as this is the only thing preventing collisions between your package and someone else's package. If you use a name longer than 31 bytes, your package will require Igor Pro 8.00 or later.

prefsFileName is the name of a preference file to be loaded by LoadPackagePreferences. It should include an extension, typically ".bin".

prefsStruct is the structure into which data from disk, if it exists, will be loaded.

recordID is a unique positive integer that you assign to each record that you store in the preferences file. If you store more than one structure in the file, you would use distinct *recordID*s to identify which structure you want to load. In the simple case you will store just one structure in the preference file and you can use 0 (or any positive integer of your choice) as the *recordID*.

Flags

/MIS=*mismatch*   Controls what happens if the number of bytes in the file does not match the size of the structure:

0:    Returns an error. Default behavior if /MIS is omitted.

1:    Returns the smaller of the size of the structure and the number of bytes in the file. Does not return an error. Use this if you want to read and update old versions of a preferences structure.