```
    Print "=== All data objects, human, headers, names only ==="
    int flags = kHumanMask | kHeadersMask | kRecursiveMask
    ExperimentInfo getLongNameUsage={*, 7, flags, kLongNamesLength}
    // Printf "\r"      // Skip this because headers mode prints trailing blank line
End
```

See Also

ExperimentModified, **IgorInfo**, **Long Object Names** on page III-502

ExperimentModified

ExperimentModified [*newModifiedState*]

The ExperimentModified operation gets and optionally sets the modified (save) state of the current experiment.

Use this command to prevent Igor from asking you to save the current experiment after you have made changes you do not need to save or, conversely, to force Igor to ask about saving the experiment even though Igor would not normally do so.

The variable V_flag is always set to the experiment-modified state that was in effect before the ExperimentModified command executed: 1 for modified, 0 for not modified.

Parameters

If *newModifiedState* is present, it sets the experiment-modified state as follows:

newModifiedState = 0:	Igor will not ask to save the experiment before quitting or opening another experiment, and the Save Experiment menu item will be disabled.
newModifiedState = 1:	Igor will ask to save the experiment before quitting or opening another experiment, and the Save Experiment menu item will be enabled.

If *newModifiedState* is omitted, the state of experiment-modified state is not changed.

Details

Executing ExperimentModified 0 on the command line will not work because the command will be echoed to the history area, marking the experiment as modifed. Use the command in a function or macro that does not echo text to the history area.

Examples

The /Q flag is vital: it suppresses printing into the history area which would mark the experiment as modified again.

```
Menu "File"
    "Mark Experiment Modified",/Q,ExperimentModified 1    // Enables "Save Experiment"
    "Mark Experiment Saved",/Q,ExperimentModified 0       // Disables "Save Experiment"
End
```

See Also

SaveExperiment, **ExperimentInfo**, **Menu Definition Syntax** on page IV-126.

expInt

expInt(*n*, *x*)

The expInt function returns the value of the exponential integral $E_n(x)$:

$$E_n(x) = P\int_1^\infty \frac{e^{-xt}}{t^n}dt \qquad (x>0; n=0,1,2\ldots).$$

See Also

ei, **ExpIntegralE1**

References

Abramowitz, M., and I.A. Stegun, *Handbook of Mathematical Functions*, 446 pp., Dover, New York, 1972.