

SetEventMask Set the system event mask

#include <OSEvents.h>

Event Manager

void **SetEventMask**(*eventMask*);
short *eventMask* ; mask to be used to include/exclude events

SetEventMask sets the low-level mask used by the system to determine which events it should post to the event queue.

eventMask is a 16-bit binary mask describing which events to include or exclude. The normal value is 0xFFEF (which excludes only keyUp events). Use *eventMask=everyEvent* (defined in Events.h as 0xFFFF) to include all events. See **Event Mask** for named constants you can use in this value.

Returns: none

Notes: The preferred way to access the system event mask is by reading or storing the global variable SysEvtMask (at 0x0144).

Indiscriminately changing this mask can cause problems. The only legitimate use is to allow enqueueing of keyUp events, i.e.:

SetEventMask(everyEvent); // or SysEvtMask |= keyUpMask

Applications making this call during initialization must save the event mask prior to calling **SetEventMask** and restore the event mask when quitting.

If, under **Finder**, an application fails to restore the event mask before quitting and it was set to mask out mouseUp events, all mouseUp events would continue to be masked out. The user would then notice that the **Finder** no longer recognizes double clicks. There are other anomalies associated with **MultiFinder**; to get a summary of these see the entry About MultiFinder.