

**DTInstall**

Add a task to the deferred task queue

#include &lt;OSUtils.h&gt;

**Deferred Tsk Mgr**

OSErr            **DTInstall**(*dtTaskPtr*);  
QElemPtr        *dtTaskPtr*;        address of a task for loading into the queue  
**returns**           queue-related Error Code; 0=no error

**DTInstall** adds a task identified by a pointer to the deferred task queue.

*dtTaskPtr* is a pointer leading to data to be enqueued.

**Returns:** an OSErr; an integer Error Code. It will be one of:

noErr	(0)	No error
vTypeErr	(-2)	Invalid queue element

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Notes: **DTInstall** adds a lengthy task to a deferred task queue so that it can be executed when all interrupts at the current interrupt level have been serviced. These tasks are executed with interrupts enabled, but are subject to the same restrictions regarding moving memory and preserving registers as interrupt routines. The QElemPtr referenced by the *dtTaskPtr* points to a **DeferredTask** record, which itself contains a pointer to the task you want to add to the queue.

Most of the long tasks for which this call is best suited are initiated by add-in cards. You would generally need this call, therefore, only if your program has to deal with these kinds of interrupts.