DeferredTask structure

#include <OSUtils.h>

typedef struct **DeferredTask** {

		Size	Offset	Description
QElemPtr	qLink;	4	0	Address of next queue element
short	qType;	2	4	Always dtQType
short	dtFlags;	2	6	(not used)
ProcPtr	dtAddr;	4	8	Task's address
long	dtParm;	4	12	Optional parameter
long	dtReserved;	4	16	(not used; set to 0)

} **DeferredTask**; 20

Notes: The **Deferred Task Manager** lets you put off the execution of lengthy tasks until 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.By calling **DTInstall**, you can set up a queue, place the information describing your interrupt task in that queue, and let the task run when the processor would otherwise be idle.

In the **DeferredTask** structure, QLink points to the next enqueued item, while QType is always a dtQType, a standard Operating System queue. The dtParm field is there to let you pass an optional parameter in assembly language. The parameter would be loaded into register A1 immediately prior to task execution.

This structure is currently not declared in Apple header files. You can either declare the structure yourself or access the fields via a QElemPtr using assembly language.