

NUCLEUS API	Linux 2.4/2.6	VxWorks 5.x/6.x	Win XP	Win CE	ThreadX	MQX	LynxOS	Solaris Unix	T- Kernel	ulTRON	eCOS
NU_Established_Timers											
NU_Reset_Timer											
NU_Timer_Information*	√	√	√	√	√	√	√	√	√	√	√
NU_Timer_Pointers	√	√	√	√	√	√	√	√	√	√	√
<i>Device Drivers</i>											
NU_Create_Driver	√	√	√	√	√	√	√	√	√	√	√
NU_Request_Driver	√	√	√	√	√	√	√	√	√	√	√
NU_Delete_Driver	√	√	√	√	√	√	√	√	√	√	√
NU_Resume_Driver											
NU_Suspend_Driver											
NU_Established_Drivers											
NU_Driver_Pointers											
<i>HISR</i>											
NU_Activate_HISR	√	√	√	√	√	√	√	√	√	√	√
NU_Create_HISR*	√	√	√	√	√	√	√	√	√	√	√
NU_Current_HISR_Pointer	√	√	√	√	√	√	√	√	√	√	√
NU_Register_LISR											
NU_Delete_HISR											
NU_Established_HISRs											
NU_HISR_Pointers	√	√	√	√	√	√	√	√	√	√	√
NU_HISR_Information*	√	√	√	√	√	√	√	√	√	√	√
<i>Interrupts</i>											
NU_Setup_Vector											
NU_Control_Interrupts											
NU_Local_Control_Interrupts											
NU_Restore_Interrupts											
<i>Miscellaneous</i>											
NU_Release_Information											
NU_License_Information											
NU_Disable_History_Saving											
NU_Enable_History_Saving											
NU_Make_History_Entry											
NU_Retrieve_History_Entry											

*** Important Notes (Also refer to the corresponding reference manuals):**

- NU_Create_Task
 - Application does not require to allocate stack memory. OS Changer expects a NULL value as stack pointer parameter
- NU_Reset_Task
 - Self task reset is not supported
- NU_Restart_Task
 - Self task restart is not supported
- NU_Task_Information
 - Some information is not available
- NU_Create_Queue
 - Application does not require allocating buffer memory. OS Changer expects NULL as buffer pointer
 - Only NU_FIFO option supported
- NU_Send_To_Front_Of_Queue
 - Messages are sent at higher priority and will be delivered before the normal messages in FIFO

- NU_Queue_Information
 - Some information is not available
- NU_Create_Pipe
 - Application does not require allocating buffer memory. OS Changer expects NULL as buffer pointer
 - Only NU_FIFO option supported
- NU_Send_To_Front_Of_Pipe
 - Messages are sent at higher priority and will be delivered before the normal messages in a FIFO order
- NU_Pipe_Information
 - Some information is not available
- NU_Create_Semaphore
 - Only NU_FIFO option supported
- NU_Semaphore_Information
 - Some information is not available
- NU_Partition_Pool_Information
 - Some information is not available
- NU_Memory_Pool_Information
 - Some information is not available
- NU_Set_Clock
 - A value of zero will set the clock to the time when the program started
- NU_Retrieve_Clock
 - The value returned will be the elapsed time from when the program started
- NU_Timer_Information
 - Some information is not available
- NU_Create_HISR
 - Support for only one HISR priority
- NU_HISR_Information
 - Some information is not available*