



```
typedef      UINT8      StatusType;
```

```
#define      E_OK                ((StatusType) 0)
#define      E_OS_ACCESS         ((StatusType) 1)
#define      E_OS_CALLEVEL       ((StatusType) 2)
#define      E_OS_ID              ((StatusType) 3)
#define      E_OS_LIMIT          ((StatusType) 4)
#define      E_OS_NOFUNC         ((StatusType) 5)
#define      E_OS_RESOURCE       ((StatusType) 6)
#define      E_OS_STATE          ((StatusType) 7)
#define      E_OS_VALUE          ((StatusType) 8)
```

```
StatusType  ActivateTask (TaskType tskid);
StatusType  TerminateTask (void);
StatusType  ChainTask (TaskType tskid);
StatusType  Schedule (void);
StatusType  GetTaskID (TaskRefType p_tskid);
StatusType  GetTaskState (TaskType tskid, TaskStateRefType p_state);
```

```
void        EnableAllInterrupts (void);
void        DisableAllInterrupts (void);
void        ResumeAllInterrupts (void);
void        SuspendAllInterrupts (void);
void        ResumeOSInterrupts (void);
void        SuspendOSInterrupts (void);
```

```
StatusType  GetResource (ResourceType resid);
StatusType  ReleaseResource (ResourceType resid);
```

StatusType	<b>SetEvent</b> ( <i>TaskType tskid, EventMaskType mask</i> );
StatusType	<b>ClearEvent</b> ( <i>EventMaskType mask</i> );
StatusType	<b>GetEvent</b> ( <i>TaskType tskid, EventMaskRefType p_mask</i> );
StatusType	<b>WaitEvent</b> ( <i>EventMaskType mask</i> );
StatusType	<b>GetAlarmBase</b> ( <i>AlarmType almid, AlarmBaseRefType p_info</i> );
StatusType	<b>GetAlarm</b> ( <i>AlarmType almid, TickRefType p_tick</i> );
StatusType	<b>SetRelAlarm</b> ( <i>AlarmType almid, TickType incr, TickType cycle</i> );
StatusType	<b>SetAbsAlarm</b> ( <i>AlarmType almid, TickType start, TickType cycle</i> );
StatusType	<b>CancelAlarm</b> ( <i>AlarmType almid</i> );
AppModeType	<b>GetActiveApplicationMode</b> ( <i>void</i> );
void	<b>StartOS</b> ( <i>AppModeType mode</i> );
void	<b>ShutdownOS</b> ( <i>StatusType ercd</i> );
StatusType	<b>SignalCounter</b> ( <i>CounterType cntid</i> );
void	<b>ErrorHook</b> ( <i>StatusType ercd</i> );
void	<b>PreTaskHook</b> ( <i>void</i> );
void	<b>PostTaskHook</b> ( <i>void</i> );
void	<b>StartupHook</b> ( <i>void</i> );
void	<b>ShutdownHook</b> ( <i>StatusType ercd</i> );