

4.8.5 MRAPI_ATOMIC_READ_PTR (ABB Extension)

NAME

mrapi_atomic_read_ptr

SYNOPSIS

```
void mrapi_atomic_read_ptr(  
    MRAPI_OUT void* sync, MRAPI_IN uintptr_t*  
    dest, MRAPI_IN uintptr_t* value, MRAPI_OUT  
    mrapi_status_t* status  
);
```

DESCRIPTION

mrapi_atomic_read_ptr() accesses pointer values. The operation is valid for memory locations within shared memory, where the synchronization can be across real-time processes. The pointer value at the destination address is returned. Returned status indicates if the operation succeeded.

RETURN VALUE

None.

ERRORS

MRAPI_ERR_NODE_NOTINIT	The calling node is not initialized
MRAPI_ERR_ATOM_OP_FAILED	The local atomic operation failed

NOTE

SEE ALSO