3.16.6 mcapi_pktchan_send_hndl_t

The `mcapi_pktchan_send_hndl_t` type is used to send packets to a connected packet channel (see Section 22). MCAPI routines for creating and using the `mcapi_pktchan_send_hndl_t` type are covered in Section 4.44.4. The `mcapi_pktchan_send_hndl_t` is an opaque data type whose exact definition is implementation defined.

NOTE: The MCAPI API user should not attempt to examine the contents of this data type as this can result in non-portable application code.

Implementation advice: The handle must be passable as a parameter to a function and should allow simple arithmetic equality comparison (a == b), such as a 32- bit scalar or pointer.

3.16.7 mcapi_sclchan_recv_hndl_t

The `mcapi_sclchan_recv_hndl_t` type is used to receive scalars from a connected scalar channel (see Section 2). MCAPI routines for creating and using the `mcapi_sclchan_recv_hndl_t` type are covered in Section 4.54.5. The `mcapi_sclchan_recv_hndl_t` is an opaque data type whose exact definition is implementation defined.

NOTE: The MCAPI API user should not attempt to examine the contents of this data type as this can result in non-portable application code.

Implementation advice: The handle must be passable as a parameter to a function and should allow simple arithmetic equality comparison (a == b), such as a 32- bit scalar or pointer.

3.16.8 mcapi_sclchan_send_hndl_t

The `mcapi_sclchan_send_hndl_t` type is used to send scalars to a connected scalar channel (see Section 2). MCAPI routines for creating and using the `mcapi_sclchan_send_hndl_t` type are covered in Section 4.54.5. The `mcapi_sclchan_send_hndl_t` is an opaque data type whose exact definition is implementation defined.

NOTE: The MCAPI API user should not attempt to examine the contents of this data type as this can result in non-portable application code.

Implementation advice: The handle must be passable as a parameter to a function and should allow simple arithmetic equality comparison (a == b), such as a 32-bit scalar or pointer.

3.16.9 mcapi_uint64_t, mcapi_uint32_t, mcapi_uint16_t & mcapi_uint8_t,

The `mcapi_uint64_t`, `mcapi_uint32_t`, `mcapi_uint16_t`, and `mcapi_uint8_t` types are used for 64-, 32-, 16, and 8-bit scalars.

3.16.10 mcapi_request_t

The `mcapi_request_t` type is used to record the state of a pending non-blocking MCAPI transaction (see Section 3.5.43.5.4). Non-blocking MCAPI routines exist for message send and receive (see Section 4.34.3) and packet send and receive (see Section 4.44.4). The MCAPI request can only be used by the node it was created on. The mcapi_request_t has an mca_request_t equivalent.

NOTE: The MCAPI API user should not attempt to examine the contents of this data type as this can result in non-portable application code.

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