

Release Notes

Version 4.1

MMI API

- The password dialog functions have been complemented with the connector function `MMIc_clearAuthenticationDatabase`.

Client API

- The function `CLNTc_setStrConfig` has a new definition. The argument *length* is now an unsigned 16-bit variable.

File API

- New API that can be used with the Memory API when the target operating system has a file I/O.

Version 4.0

The concept of views to the WAP browser component has been changed. Since views not only are associated to a WML user agent but also to PUSH and WTA repository user agents, the more common term user agent is introduced. In order to identify a user agent, the attribute name `viewId` has been substituted with the attribute name `objectId`.

Tuning the ...

- The configuration variable `cfg_wae_wspif_ReSendingTimeout` has been removed. The functionality, to resend requests for images while using the connection-less protocol stack, has been removed since the functionality has been supported in the connection-mode stack since version 2.x.
- The constants `USE_PROPRIETARY_WMLS_LIBS`, `DATABASE_STORAGESIZE`, `LARGE_DATA_TRANSFER_ENABLED` and `CONTENT_UA_MAX_MESSAGE_SIZE` have been added.
- The constants `WTP_SAR_GROUP_SIZE` and `WTP_SAR_SEGMENT_SIZE` have been added.

MMI API

- `MMIc_openView` and `MMIc_closeView` renamed to `MMIc_startUserAgent` and `MMIc_terminateUserAgent`. The constants `GENERAL_VIEW`, `CONTENT_VIEW`, `REPOSITORY_VIEW` and `PUSH_VIEW` renamed to `ALL_UA`, `CONTENT_UA`, `REPOSITORY_UA` and `PUSH_UA`.

Client API

- The initialisation process has been totally redesigned. In addition to the two previously used routines `CLNTc_setIntConfig` and `CLNTc_setStrConfig`, two new functions have been introduced. The function `CLNTc_initialised` is not needed anymore and has therefore been removed.
- The function `CLNTc_setStrConfig` has a new definition. The argument *length* is now an unsigned 16-bit variable.
- The configuration variable `configQ_OTA` has been removed.
- The API for network connection management has been redesigned. Now, a new set of functions controls network connections, where the new configuration variable management system plays an important role.
- The functions `CLNTa_confirmDownload` and `CLNTc_downloadConfirmed` have been removed.
- The function `CLNTc_postContent` and `CLNTc_getContent` has new definitions. Additional functions have been added in order to support Large Data Transfer.

- New functions for proprietary script libs, CLNTa_callWMLSLibFunc and, CLNTc_WMLSLibFuncResponse, have been added.

WTA API

- The entire API has been revised since it was first introduced in version 3.0.

Push API

- The function PUSHa_SInfo has two new arguments.
- The function PUSHa_newSLrecieved takes a new constant, PUSH_CACHE_PRIO.
- The function PUSHc_deleteSL has a new argument.
- New functions: PUSHc_getSLinfo, PUSHa_SInfo, PUSHc_changeStatus and PUSHa_messageChange.
- Two new functions, PUSHa_requestConnection and PUSHc_requestConnectionDone, have been introduced in order to handle network connections. Read more about this in the Client API.
- All priority constants (PUSH_SI_STATUS...) changed to be used in both SI and SL functions.

UDP Device API

- The function UDPa_sendRequest has been modified to take the two parameters objectId and channelId. Read more about this in the Client API.
- The function UDPc_errorRequest has been removed.

WAP Device API

- Removed entirely. The functionality is now controlled from the Client API and uses the UDP API.

Appendix, Error codes

- The table of possible sources of the different errors has been replaced with a table of error messages that are more general. These error messages can be used in the WAP application to be presented the end-user.
- New error code: 1018, ERR_WAE_UA_TOO_LARGE_DATA_TRANSFER
- New error code: 1019, ERR_WAE_UA_LARGE_DATA_TRANSFER_DISABLED
- The error codes 1106 and 1108 have been updated to begin with ERR_WAE_WBXML.
- The error code ERR_WDP_WDErrorInd (6004) has been removed.

Version 3.4

Fine tuning the...

The constants:

cfg_wae_ua_defaultPrio,
cfg_wae_ua_imagePrio,
cfg_wae_ua_scriptPrio,

have been removed.

The constant WMLS_CORRECT_FLOAT2STRING has been added.

Client API

The function CLNTc_postContent has a new definition. The argument *binary* has been replaced with the argument *sendMode*.

WTA API

The manual has been revised to not include a full WTA chapter. WTA is no longer possible to have in the 3.x version, Public WTA is. Version 4.x will have full WTA support.

Crypt API

Major change of the API. A new set of functions for the session cache has been added. The argument masterSecretID, in the two functions CRYPTc_keyExchangeResponse and CRYPTa_PRf, has changed type from UINT16 to INT8.

Version 3.3.1

Client API

The configuration variable configBEARER has been associated with a new set of constants.

Appendix, Optional Source Code

A new constant DEBUG_WIP_MALLOC has been added.

Version 3.3

Crypt API

Major change of the API. All adapter functions that were not likely to return immediately have been associated with a connector function, which carries the result. WTLS class 3 supported.

Version 3.2

MMI API

New status codes for the function MMia_status: WSPSessionIsSetup, WSPSessionIsDone, LoadingData, LoadingDataDone, WTLSConnectionEstablished and WTLSConnectionTerminated.

Client API

New functions to manage client ports: CLNTc_openPort, CLNTa_choosePort, CLNTc_usePort and CLNTc_closePort.

The timer interface has been changed to only have one timer active, at once.

Crypt API

Major change of API. Connector functions introduced.

USSD API

The interface description has been reworked.

SMS API

The interface description has been modified. Additions of how to recognize a WAP SMS have been added.

UDP API

The function UDPa_closePort has been removed.

Version 3.1

Fine tuning the...

New configuration variable for WAE: cfg_wae_ua_current_time_is_gmt.

New configuration variables for Push: PUSH_STORAGE_SIZE, cfg_wae_push_compare_authority, cfg_wae_push_notify_sl, cfg_wae_push_in_buffer_size.

New configuration variables for WTA: REP_STORAGESIZE.

New configuration variables for WTP: no_of_retransmissions_UDP_WTP, retransmission_interval_UDP_WTP, wait_timeout_interval_UDP_WTP, no_of_retransmissions_SMS_WTP, retransmission_interval_SMS_WTP, wait_timeout_interval_SMS_WTP, no_of_retransmissions_USSD_WTP, retransmission_interval_USSD_WTP, wait_timeout_interval_USSD_WTP.

MMI API

The description of MMIA_newInput has been updated. The argument “format” is mandatory to handle.

Client API

New configuration variable configPUSH_SECURITY_LEVEL.

WTA API

Supports now full WTA.

Push API

New.

Appendix, Error codes

New error codes for push: ERR_WAE_PUSH_ACTIVATE_FAILED, ERR_WAE_PUSH_DELETE_FAILED, ERR_WAE_PUSH_EXPIRED and ERR_WAE_PUSH_STORE_FAULT.

New error codes for WTA: ERR_WAE_REP_SERVICE_INSTALL_FAILED and ERR_WAE_REP_MEM_ACCESS_FAILED.

Version 3.0

Fine tuning the...

New configuration variables: CAN_COMPUTE_SIGNATURES, cfg_wae_wspif_FileTimeout, cfg_wae_wspif_FunctionTimeout, cfg_wae_wspif_AuthenticationItems and cfg_wae_push_compare_authority.

MMI API

The status parameter ReceivedFromNetwork, used with the function MMIA_status, has been removed. The status parameter ReadFromNetworkDone, used with the function MMIA_status, has been added.

The argument dialogId in the functions MMIA_passwordDialog and MMIC_passwordDialogResponse has been changed from the type UINT8 to the type UINT16. The procedure when the dialog is canceled has also been changed.

The format argument of the function MMIA_newText has been clarified.

New attribute “accessKey” added to the functions MMIA_newText, MMIA_newImage and MMIA_newInput.

New attribute preformatted added to the function MMIA_newParagraph.

New adapter function MMIA_setLanguage.

Two new functions, MMIA_signText and MMIC_textSigned, has been introduced.

Client API

A new configuration variable cnf_wae_ua_current_time_is_gmt has been associated with the function CLNTa_currentTime.

The functions CLNTc_getContent and CLNTa_content have been changed.

New connector function CLNTc_postContent.

The configuration variables for USSD have been changed.
New configuration variables configUSERAGENT, configPROFILE and configPROFILE_DIFF.

Crypto API

New adapter function CRYPTa_terminate.

USSD API

The argument dataCodingScheme has been removed from all functions that has it.