

TIZEN™

<<API Changes from Tizen 2.3 beta>>

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Overview

Some Native APIs exposed by Tizen 2.3 Beta SDK have been changed or removed in Tizen 2.3 Public SDK due to various reasons.

This document gives a list of such APIs with their corresponding module names, types, status, and details on signature changes as well.

1. Account

1.1. Removed

- int account_type_set_app_id(account_type_h account_type, const char *app_id);
- int account_type_set_service_provider_id(account_type_h account_type, const char *service_provider_id);
- int account_type_set_icon_path(account_type_h account_type, const char *icon_path);
- int account_type_set_small_icon_path(account_type_h account_type, const char *small_icon_path);
- int account_type_set_multiple_account_support(account_type_h account_type, const bool multiple_account_support);
- int account_type_set_label(account_type_h account_type, const char* label, const char* locale);
- int account_type_set_provider_feature(account_type_h account_type, const char* provider_feature);
- int account_type_delete_by_app_id(const char* app_id);
- #define ACCOUNT_DATA_SERVICE_PROVIDER "http://tizen.org/account/data/service_provider"
- #define ACCOUNT_OPERATION_SIGNIN_OLD "http://tizen.org/account/operation/signin"
- #define ACCOUNT_OPERATION_FMM "http://tizen.org/account/operation/fmm"
- #define ACCOUNT_OPERATION_MYACCOUNT "http://tizen.org/account/operation/signin_from_myaccount"
- #define ACCOUNT_SUPPORTS_CAPABILITY_EMAIL "http://tizen.org/account/capability/email"
- #define ACCOUNT_SUPPORTS_CAPABILITY_POST "http://tizen.org/account/capability/post"
- #define ACCOUNT_SUPPORTS_CAPABILITY_VOIP "http://tizen.org/account/capability/voip"
- #define ACCOUNT_SUPPORTS_CAPABILITY_SAMSUNG_APPS "http://tizen.org/account/capability/samsungapps"
- #define ACCOUNT_SUPPORTS_CAPABILITY_TASK "http://tizen.org/account/capability/task"
- #define ACCOUNT_SUPPORTS_CAPABILITY_MOBILE_TRACKER "http://tizen.org/account/capability/mobiletracker"
- #define ACCOUNT_SUPPORTS_CAPABILITY_S_NOTE "http://tizen.org/account/capability/snote"
- #define ACCOUNT_SUPPORTS_CAPABILITY_GALLERY "http://tizen.org/account/capability/gallery"
- #define ACCOUNT_SUPPORTS_CAPABILITY_MEMO "http://tizen.org/account/capability/memo"
- #define ACCOUNT_SUPPORTS_CAPABILITY_CHAT "http://tizen.org/account/capability/chat"
- #define ACCOUNT_SUPPORTS_CAPABILITY_BOOKMARK "http://tizen.org/account/capability/bookmark"
- #define ACCOUNT_SUPPORTS_CAPABILITY_SYNCHRONISE "http://tizen.org/account/capability/synchronise"
- #define ACCOUNT_SUPPORTS_CAPABILITY_TIZEN_EMAIL "http://tizen.org/account/capability/tizen_email"

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- #define ACCOUNT_SUPPORTS_CAPABILITY_INTERNET ["http://tizen.org/account/capability/internet"](http://tizen.org/account/capability/internet)
- #define ACCOUNT_SUPPORTS_CAPABILITY_DOCOMO_SCHEDULE_MEMO <http://tizen.org/account/capability/docomo>

2. Application

2.1 Removed

- `int app_get_memory_limit(int *limit);`
- `int app_get_large_memory_limit(int *limit);`
- `app_event_callback_s` (structure)
- `void (*app_low_memory_cb) (void *user_data)`
- `void (*app_low_battery_cb) (void *user_data)`
- `void (*app_device_orientation_cb) (app_device_orientation_e orientation, void *user_data)`
- `void (*app_language_changed_cb) (void *user_data)`
- `void (*app_region_format_changed_cb) (void *user_data)`

2.2 Changed

- `int app_main(int argc, char **argv, app_event_callback_s *callback, void *user_data);`
 - ⇒ `int ui_app_main(int argc, char **argv, ui_app_lifecycle_callback_s *callback, void *user_data);`
- `void app_exit(void);`
 - ⇒ `void ui_app_exit(void);`
- `char* app_get_resource(const char *resource, char *buffer, int size);`
 - ⇒ `char* app_get_resource_path(void);`
- `char* app_get_data_directory(char *buffer, int size);`
 - ⇒ `char* app_get_data_path (void)`

3. Badge

3.1 Removed

- badge_action (Enum)

4. Bluetooth

4.1 Removed

- `int bt_adapter_set_visibility(bt_adapter_visibility_mode_e discoverable_mode, int duration)`

5. Calendar

5.1 Removed

- `int calendar_reminder_add_receiver(const char *pkgname, const char *extra_data_key, const char *extra_data_value)`
- `int calendar_reminder_remove_receiver(const char *pkgname)`
- `int calendar_reminder_activate_receiver(const char *pkgname)`
- `int calendar_reminder_has_receiver(const char *pkgname)`

6. Connection

6.1 Removed

- `int connection_get_ethernet_state(connection_h connection, connection_ethernet_state_e* state)`
- `connection_ethernet_state_e` (enum)

7. Cotacts

7.1 Changed

- `int contacts_db_replace_records(contacts_list_h list, int record_id_array[], unsigned int count);`
 - ⇒ `int contacts_db_replace_records(contacts_list_h list, int record_id_array[], int count);`
- `int contacts_list_get_count(contacts_list_h contacts_list, unsigned int *count);`
 - ⇒ `int contacts_list_get_count(contacts_list_h contacts_list, int *count);`
- `int contacts_record_get_child_record_count(contacts_record_h record, unsigned int property_id, unsigned int *count);`
 - ⇒ `int contacts_record_get_child_record_count(contacts_record_h record, unsigned int property_id, int *count);`

8. Data Control

8.1 Removed

- `int data_control_sql_remove_cursor(result_set_cursor cursor);`

8.2 Changed

- `int data_control_map_register_response_cb(data_control_h provider, data_control_map_response_cb* callback);`
 - ⇒ `int data_control_map_register_response_cb(data_control_h provider, data_control_map_response_cb* callback, void *user_data);`
- `int data_control_provider_sql_register_cb(data_control_provider_sql_cb *callback);`
 - ⇒ `int data_control_provider_sql_register_cb(data_control_provider_sql_cb *callback, void *user_data);`
- `int data_control_provider_map_register_cb(data_control_provider_map_cb *callback);`
 - ⇒ `int data_control_provider_map_register_cb(data_control_provider_map_cb *callback, void *user_data);`
- `int data_control_sql_register_response_cb(data_control_h provider, data_control_sql_response_cb* callback);`
 - ⇒ `int data_control_sql_register_response_cb(data_control_h provider, data_control_sql_response_cb* callback, void *user_data);`
- `typedef void (*data_control_map_get_response_cb)(int request_id, data_control_h provider, char **result_value_list, int result_value_count, bool provider_result, const char *error)`
 - ⇒ `typedef void (*data_control_map_get_response_cb)(int request_id, data_control_h provider, char **result_value_list, int result_value_count, bool provider_result, const char *error, void *user_data)`
- `typedef void (*data_control_map_set_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error)`
 - ⇒ `typedef void (*data_control_map_set_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error, void *user_data)`
- `typedef void (*data_control_map_add_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error)`
 - ⇒ `typedef void (*data_control_map_add_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error, void *user_data)`
- `typedef void (*data_control_map_remove_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error)`
 - ⇒ `typedef void (*data_control_map_remove_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error, void *user_data)`
- `typedef void (*data_control_provider_sql_insert_request_cb)(int request_id, data_control_h provider, bundle *insert_data)`

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- ⇒ typedef void (*data_control_provider_sql_insert_request_cb)(int request_id, data_control_h provider, bundle *insert_data, void *user_data)
- typedef void (*data_control_provider_sql_update_request_cb)(int request_id, data_control_h provider, bundle *update_data, const char *where)
 - ⇒ typedef void (*data_control_provider_sql_update_request_cb)(int request_id, data_control_h provider, bundle *update_data, const char *where, void *user_data)
- typedef void (*data_control_provider_sql_delete_request_cb)(int request_id, data_control_h provider, const char *where)
 - ⇒ typedef void (*data_control_provider_sql_delete_request_cb)(int request_id, data_control_h provider, const char *where, void *user_data)
- typedef void (*data_control_provider_sql_select_request_cb)(int request_id, data_control_h provider, const char **column_list, int column_count, const char *where, const char *order)
 - ⇒ typedef void (*data_control_provider_sql_select_request_cb)(int request_id, data_control_h provider, const char **column_list, int column_count, const char *where, const char *order, void *user_data)
- typedef void (*data_control_provider_map_get_value_request_cb)(int request_id, data_control_h provider, const char *key)
 - ⇒ typedef void (*data_control_provider_map_get_value_request_cb)(int request_id, data_control_h provider, const char *key, void *user_data)
- typedef void (*data_control_provider_map_set_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *old_value, const char *new_value)
 - ⇒ typedef void (*data_control_provider_map_set_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *old_value, const char *new_value, void *user_data)
- typedef void (*data_control_provider_map_add_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *value)
 - ⇒ typedef void (*data_control_provider_map_add_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *value, void *user_data)
- typedef void (*data_control_provider_map_remove_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *value)
 - ⇒ typedef void (*data_control_provider_map_remove_value_request_cb)(int request_id, data_control_h provider, const char *key, const char *value, void *user_data)
- typedef void (*data_control_sql_insert_response_cb)(int request_id, data_control_h provider, long long inserted_row_id, bool provider_result, const char *error)
 - ⇒ typedef void (*data_control_sql_insert_response_cb)(int request_id, data_control_h provider, long long inserted_row_id, bool provider_result, const char *error, void *user_data)
- typedef void (*data_control_sql_delete_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error)
 - ⇒ typedef void (*data_control_sql_delete_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error, void *user_data)
- typedef void (*data_control_sql_select_response_cb)(int request_id, data_control_h provider, result_set_cursor enumerator, bool provider_result, const char *error)
 - ⇒ typedef void (*data_control_sql_select_response_cb)(int request_id, data_control_h provider, result_set_cursor enumerator, bool provider_result, const char *error, void *user_data)

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- typedef void (*data_control_sql_update_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error)

- ⇒ typedef void (*data_control_sql_update_response_cb)(int request_id, data_control_h provider, bool provider_result, const char *error, void *user_data)

9. Elementary (EFL)

9.1 Removed

- `Elm_Store *elm_store_filesystem_new(void);`
- `void elm_store_free(Elm_Store *st);`
- `void elm_store_filesystem_directory_set(Elm_Store *st, const char *dir);`
- `const char *elm_store_filesystem_directory_get(const Elm_Store *st);`
- `const char *elm_store_item_filesystem_path_get(const Elm_Store_Item *sti);`
- `void elm_store_target_genlist_set(Elm_Store *st, Evas_Object *obj);`
- `void elm_store_cache_set(Elm_Store *st, int max);`
- `int elm_store_cache_get(const Elm_Store *st);`
- `void elm_store_list_func_set(Elm_Store *st, Elm_Store_Item_List_Cb func, const void *data);`
- `void elm_store_fetch_func_set(Elm_Store *st, Elm_Store_Item_Fetch_Cb func, const void *data);`
- `void elm_store_unfetch_func_set(Elm_Store *st, Elm_Store_Item_Unfetch_Cb func, const void *data);`
- `void elm_store_fetch_thread_set(Elm_Store *st, Eina_Bool use_thread);`
- `Eina_Bool elm_store_fetch_thread_get(const Elm_Store *st);`
- `void elm_store_sorted_set(Elm_Store *st, Eina_Bool sorted);`
- `Eina_Bool elm_store_sorted_get(const Elm_Store *st);`
- `void elm_store_item_data_set(Elm_Store_Item *sti, void *data);`
- `void *elm_store_item_data_get(Elm_Store_Item *sti);`
- `const Elm_Store *elm_store_item_store_get(const Elm_Store_Item *sti);`
- `const Elm_Object_Item *elm_store_item_genlist_item_get(const Elm_Store_Item *sti);`

10. Media Tool

10.1 Changed

- `media_format_video_spec_s` (structure)
- `media_format_audio_spec_s` (structure)
- `media_format_s` (structure)

10.2 Changed

- `int media_packet_create_alloc(media_format_s *fmt, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
 - ⇒ `int media_packet_create_alloc(media_format_h fmt, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
- `int media_packet_create(media_format_s *fmt, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
 - ⇒ `int media_packet_create(media_format_h fmt, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
- `int media_packet_create_from_tbm_surface(media_format_s *fmt, tbm_surface_h surface, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
 - ⇒ `int media_packet_create_from_tbm_surface(media_format_h fmt, tbm_surface_h surface, media_packet_finalize_cb fcb, void *fcb_data, media_packet_h *packet);`
- `int media_packet_get_format(media_packet_h packet, media_format_s **fmt);`
 - ⇒ `int media_packet_get_format(media_packet_h packet, media_format_h *fmt);`
- `int media_packet_set_format(media_packet_h packet, media_format_s *fmt);`
 - ⇒ `int media_packet_set_format(media_packet_h packet, media_format_h fmt);`

11. Message Port

11.1 Changed

- `int message_port_register_local_port(const char *local_port, message_port_message_cb callback);`
 - ⇒ `int message_port_register_local_port(const char *local_port, message_port_message_cb callback, void *user_data);`
- `int message_port_register_trusted_local_port(const char *trusted_local_port, message_port_trusted_message_cb callback);`
 - ⇒ `int message_port_register_trusted_local_port(const char *trusted_local_port, message_port_trusted_message_cb callback, void *user_data);`
- `int message_port_register_trusted_local_port(const char *trusted_local_port, message_port_trusted_message_cb callback);`
 - ⇒ `int message_port_register_trusted_local_port(const char *trusted_local_port, message_port_trusted_message_cb callback, void *user_data)`
- `typedef void (*message_port_message_cb)(int local_port_id, const char *remote_app_id, const char *remote_port, bool trusted_remote_port, bundle *message)`
 - ⇒ `typedef void (*message_port_message_cb)(int local_port_id, const char *remote_app_id, const char *remote_port, bool trusted_remote_port, bundle *message, void *user_data)`
- `typedef void (*message_port_trusted_message_cb)(int trusted_local_port_id, const char *remote_app_id, const char *remote_port, bool trusted_remote_port, bundle *message)`
 - ⇒ `typedef void (*message_port_trusted_message_cb)(int trusted_local_port_id, const char *remote_app_id, const char *remote_port, bool trusted_remote_port, bundle *message, void *user_data)`

12. Notification

12.1 Removed

- `int notification_set_text_domain(notification_h noti, const char *domain, const char *dir)`
- `int notification_get_text_domain(notification_h noti, char **domain, char **dir)`

13. Package Manager

13.1 Changed

- `int package_manager_set_event_status(package_manager_h manager, package_manager_status_type_e status_type);`
- ⇒ `int package_manager_set_event_status(package_manager_h manager, int status_type);`

14. Recorder

14.1 Removed

- `int recorder_attr_set_recording_orientation(recorder_h recorder, recorder_rotation_e orientation);`
- `int recorder_attr_get_recording_orientation(recorder_h recorder, recorder_rotation_e *orientation);`
- `int recorder_attr_set_recording_flip(recorder_h recorder, recorder_flip_e flip);`
- `int recorder_attr_get_recording_flip(recorder_h recorder, recorder_flip_e *flip);`
- `int recorder_attr_foreach_supported_recording_flip(recorder_h recorder, recorder_attr_supported_recording_flip`
- `recorder_flip_e (enum)`

15. Service Application

15.1 Removed

- typedef void (*service_app_low_memory_cb) (void *user_data)
- typedef void (*service_app_low_battery_cb) (void *user_data);
- service_app_event_callback_s (structure)

15.2 Changed

- int svc_app_main(int argc, char **argv, service_app_event_callback_s *callback, void *user_data);
 - ⇒ int service_app_main(int argc, char **argv, service_app_lifecycle_callback_s *callback, void *user_data)
- void svc_app_exit(void)
 - ⇒ void service_app_exit(void)
- service_app_error_e
 - ⇒ app_error_e

16. Shortcut

16.1 Removed

- `#define ADD_TO_HOME_IS_DYNAMICBOX(type) (!!(type) & 0x10000000)`
- `#define SHORTCUT_STATUS_IS_ERROR(type) (!!(type) & SHORTCUT_ERROR)`
- `#define SHORTCUT_STATUS_IS_CARED(type) (!!(type) & SHORTCUT_STATUS_CARED)`
- `#define SHORTCUT_ERROR_CODE(status) ((status) & ~SHORTCUT_STATUS_CARED)`

16.2 Changed

- `int add_to_home_shortcut(const char *appid, const char *name, int type, const char *content_info, const char *icon, int allow_duplicate, result_cb_t result_cb, void *data);`
 - ⇒ `int shortcut_add_to_home(const char *name, shortcut_type type, const char *uri, const char *icon, int allow_duplicate, result_cb_t result_cb, void *data);`
- `typedef int (*result_cb_t)(int ret, int pid, void *data)`
 - ⇒ `typedef int (*result_cb_t)(int ret, void *data);`

17. System Settings

17.1 Removed

- `int system_settings_set_value_int(system_settings_key_e key, int value);`
- `int system_settings_set_value_bool(system_settings_key_e key, bool value);`
- `int system_settings_set_value_string(system_settings_key_e key, const char *value);`

18. Telephony Information

18.1 Removed

- `int telephony_sim_get_cpns_operator_name(telephony_h handle, char **full_name, char **short_name);`

19. Utils-i18n

19.1 Changed

- `int i18n_unumber_create (i18n_unumber_format_style_e style, const i18n_uchar *pattern, int pattern_len, const char *locale, i18n_unumber_uparse_error_h parse_err, i18n_unumber_format_h *num_format)`
 - ⇒ `int i18n_unumber_create (i18n_unumber_format_style_e style, const i18n_uchar *pattern, int32_t pattern_len, const char *locale, i18n_unumber_uparse_error_s *parse_err, i18n_unumber_format_h *num_format)`
- `int i18n_ustring_compare (const i18n_uchar *s1, const i18n_uchar *s2, int *result)`
 - ⇒ `int32_t i18n_ustring_compare (const i18n_uchar *s1, const i18n_uchar *s2)`
- `int i18n_ustring_get_length (const i18n_uchar *s, int *num_uchar)`
 - ⇒ `int32_t i18n_ustring_get_length (const i18n_uchar *s)`
- `int i18n_ustring_copy (i18n_uchar *dest, const i18n_uchar *src)`
 - ⇒ `i18n_uchar* i18n_ustring_copy (i18n_uchar *dest, const i18n_uchar *src)`
- `int i18n_ustring_copy_n (i18n_uchar *dest, const i18n_uchar *src, int n)`
 - ⇒ `i18n_uchar* i18n_ustring_copy_n (i18n_uchar *dest, const i18n_uchar *src, int32_t n)`
- `int i18n_ustring_copy_ua (i18n_uchar *dest, const char *src)`
 - ⇒ `i18n_uchar* i18n_ustring_copy_ua (i18n_uchar *dest, const char *src)`
- `int i18n_ustring_copy_ua_n (i18n_uchar *dest, const char *src, int n)`
 - ⇒ `i18n_uchar* i18n_ustring_copy_ua_n (i18n_uchar *dest, const char *src, int32_t n);`
- `int i18n_ustring_copy_au (char *dest, const i18n_uchar *src)`
 - ⇒ `char* i18n_ustring_copy_au (char *dest, const i18n_uchar *src);`
- `int i18n_ustring_copy_au_n (char *dest, const i18n_uchar *src, int n)`
 - ⇒ `char* i18n_ustring_copy_au_n (char *dest, const i18n_uchar *src, int32_t n)`
- `int i18n_ustring_uppercase (i18n_uchar *dest, int dest_capacity, const i18n_uchar *src, int src_len, const char *locale, int *len_result)`
 - ⇒ `int32_t i18n_ustring_to_upper (i18n_uchar *dest, int32_t dest_capacity, const i18n_uchar *src, int32_t src_len, const char *locale, i18n_error_code_e *error_code)`
- `int i18n_ustring_titlecase (i18n_uchar *dest, int dest_capacity, const i18n_uchar *src, int src_len, i18n_ubreak_iterator_s *title_iter, const char *locale, int *len_result);`
 - ⇒ `int32_t i18n_ustring_to_title (i18n_uchar *dest, int32_t dest_capacity, const i18n_uchar *src, int32_t src_len, i18n_ubreak_iterator_s *title_iter, const char *locale, i18n_error_code_e *error_code)`

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- int i18n_ustring_to_UTF8 (char *dest, int dest_capacity, int *dest_len, const i18n_uchar *src, int src_len) char*
i18n_ustring_to_UTF8 (char *dest, int32_t dest_capacity,

⇒ int32_t *dest_len, const i18n_uchar *src, int32_t src_len, i18n_error_code_e *error_code)

- int i18n_ustring_from_UTF8 (i18n_uchar *dest, int dest_capacity, int *dest_len, const char *src, int src_len)

⇒ i18n_uchar* i18n_ustring_from_UTF8 (i18n_uchar *dest, int32_t dest_capacity, int32_t *dest_len, const char *src, int32_t
src_len, i18n_error_code_e *error_code)