Event Reference

Namazu Elements Core Features · https://namazustudios.com/docs/namazu-elements-core/event-reference/

This page catalogs every event published by Namazu Elements' built-in services and DAOs, so you can consume it from your own Element with `@ElementEventConsumer(...)` or publish it yourself with `@ElementEventProducer`. For how the event system works, including code samples and how to discover events at runtime from the CMS, see Events.

Each row names the event by the interface constant that declares it (linking to that interface's Javadoc, which opens in a new window), the literal event name string, the payload arguments delivered to your consumer, and the earliest release the event appeared in. Javadoc links throughout this page are pinned to the published API docs for `3.9.0-rc-10`.

DAO-level lifecycle events follow the two-variant pattern described in Events: for every payload below, a transactional variant of the same event also exists, carrying the same arguments plus a trailing `Transaction`, and fires inside the write itself rather than after it commits. Where a row's payload already lists `Transaction`, that is the event's only form.

The "Since" column gives the earliest tagged release in which the event appeared. Most of the catalog is new in 3.9, when create/update/delete events were extended to nearly every DAO (see the 3.9 release notes).

Users and Profiles

Event	Payload	Since	Notes
UserDao. `USER_CREATED` `dev.getelements.elements.sdk.model.dao.user.created`	User *plus a transactional variant appending* `Transaction`	3.8.14	Called when a user was created.

Event	Payload	Since	Notes
UserDao. `USER_UPDATED` `dev.getelements.elements.sdk.model.dao.user.updated`	User *plus a transactional variant appending* `Transaction`	3.8.14	Called when a user was updated.
UserDao. `USER_DELETED` `dev.getelements.elements.sdk.model.dao.user.deleted`	User *plus a transactional variant appending* `Transaction`	3.8.14	Called when a user was soft-deleted.
UserService. `USER_CREATED_EVENT` `dev.getelements.user.created`	User	3.8.0	Fired when a user is created via the service layer.
UserService. `USER_UPDATED_EVENT` `dev.getelements.user.updated`	User	3.8.0	Fired when a user is updated via the service layer.
UserService. `USER_DELETED_EVENT` `dev.getelements.user.deleted`	User	3.8.0	Fired when a user is deleted via the service layer.
UserUidDao. `USER_UID_CREATED` `dev.getelements.elements.sdk.model.dao.user.uid.created`	UserUid *plus a transactional variant appending* `Transaction`	3.8.14	Called when a UserUid was created.
UserUidDao. `USER_UID_UPDATED` `dev.getelements.elements.sdk.model.dao.user.uid.updated`	UserUid *plus a transactional variant appending* `Transaction`	3.8.14	Called when a UserUid was updated.
UserUidDao. `USER_UID_DELETED` `dev.getelements.elements.sdk.model.dao.user.uid.deleted`	UserUid *plus a transactional variant appending* `Transaction`	3.8.14	Called when a UserUid was deleted.

Event	Payload	Since	Notes
UserUidDao. `USER_UIDS_TRUNCATED` `dev.getelements.elements.sdk.model.dao.user.uids.truncated`	`String` *plus a transactional variant appending* `Transaction`	3.8.14	Called when all UserUid records for a user were removed as part of a soft-delete. Carries the affected user's ID. Will not drive individual USER_UID_DELETED events.
UserUid. `USER_UID_CREATED_EVENT` `dev.getelements.user_uid.created`	UserUid	3.8.0	Legacy service-level event fired when an external identity is linked to a user by the OAuth2 and OIDC login flows. The newer UserUidDao.USER_UID_CREATED (3.8.14+) covers DAO-level creates.
UserUid. `USER_UID_UPDATED_EVENT` `dev.getelements.user_uid.updated`	UserUid	3.8.0	Legacy constant; declared for symmetry but not currently published by any component. Prefer UserUidDao.USER_UID_UPDATED (3.8.14+).
UserUid. `USER_UID_DELETED_EVENT` `dev.getelements.user_uid.deleted`	UserUid	3.8.0	Legacy constant; declared for symmetry but not currently published by any component. Prefer UserUidDao.USER_UID_DELETED (3.8.14+).
ProfileDao. `PROFILE_CREATED` `dev.getelements.elements.sdk.model.dao.profile.created`	Profile *plus a transactional variant appending* `Transaction`	3.9	Called when a profile was created.

Event	Payload	Since	Notes
ProfileDao. `PROFILE_UPDATED` `dev.getelements.elements.sdk.model.dao.profile.updated`	Profile *plus a transactional variant appending* `Transaction`	3.9	Called when a profile was updated.
ProfileDao. `PROFILE_DELETED` `dev.getelements.elements.sdk.model.dao.profile.deleted`	Profile *plus a transactional variant appending* `Transaction`	3.9	Called when a profile was soft-deleted.
ProfileService. `PROFILE_CREATED_EVENT` `dev.getelements.elements.service.profile.created`	Profile	2.0.9	Called when a profile was created.
EmailVerificationService. `EMAIL_VERIFICATION_REQUESTED_EVENT` `dev.getelements.email_verification.requested`	UserUid	3.8.0	Fired when an email verification is requested; the UID status moves to PENDING.
EmailVerificationService. `EMAIL_VERIFICATION_COMPLETED_EVENT` `dev.getelements.email_verification.completed`	UserUid	3.8.0	Fired when an email verification is completed; the UID status moves to VERIFIED.
PasswordResetService. `PASSWORD_RESET_REQUESTED_EVENT` `dev.getelements.password_reset.requested`	*none* (the raw `Event`)	3.8.0	Fired when a password reset is requested. Carries no arguments; the reset link is emailed to the user, not published on the event.
PasswordResetService. `PASSWORD_RESET_COMPLETED_EVENT` `dev.getelements.password_reset.completed`	*none* (the raw `Event`)	3.8.0	Fired when a password reset is completed (token validated and the new password set). Carries no arguments.
PasswordResetTokenDao. `PASSWORD_RESET_TOKEN_CREATED` `dev.getelements.elements.sdk.model.dao.password.reset.token.created`	PasswordResetToken *plus a transactional variant appending* `Transaction`	3.9	Called when a password reset token was created.

Event	Payload	Since	Notes
PasswordResetTokenDao. `PASSWORD_RESET_TOKEN_DELETED` `dev.getelements.elements.sdk.model.dao.password.reset.token.deleted`	PasswordResetToken *plus a transactional variant appending* `Transaction`	3.9	Called when a password reset token was deleted.
PasswordResetTokenDao. `PASSWORD_RESET_TOKENS_TRUNCATED` `dev.getelements.elements.sdk.model.dao.password.reset.tokens.truncated`	User *plus a transactional variant appending* `Transaction`	3.9	Called when all password reset tokens for a user were deleted in bulk. Will not drive individual deletion events.
UidVerificationTokenDao. `UID_VERIFICATION_TOKEN_CREATED` `dev.getelements.elements.sdk.model.dao.uid.verification.token.created`	UidVerificationToken *plus a transactional variant appending* `Transaction`	3.9	Called when a UID verification token was created.
UidVerificationTokenDao. `UID_VERIFICATION_TOKEN_DELETED` `dev.getelements.elements.sdk.model.dao.uid.verification.token.deleted`	UidVerificationToken *plus a transactional variant appending* `Transaction`	3.9	Called when a UID verification token was deleted.
UidVerificationTokenDao. `UID_VERIFICATION_TOKENS_TRUNCATED` `dev.getelements.elements.sdk.model.dao.uid.verification.tokens.truncated`	User *plus a transactional variant appending* `Transaction`	3.9	Called when all UID verification tokens for a user were deleted in bulk. Will not drive individual deletion events.

Sessions and Auth

Event	Payload	Since	Notes
SessionDao. `SESSION_CREATED` `dev.getelements.elements.sdk.model.dao.session.created`	Session *plus a transactional variant appending* `Transaction`	3.9	Called when a session was created.
SessionDao. `SESSION_UPDATED` `dev.getelements.elements.sdk.model.dao.session.updated`	Session *plus a transactional variant appending* `Transaction`	3.9	Called when a session was refreshed/updated.

Event	Payload	Since	Notes
SessionDao. `SESSION_DELETED` `dev.getelements.elements.sdk.model.dao.session.deleted`	Session *plus a transactional variant appending* `Transaction`	3.9	Called when a session was blacklisted/deleted.
AuthSchemeDao. `AUTH_SCHEME_CREATED` `dev.getelements.elements.sdk.model.dao.auth.scheme.created`	AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an auth scheme was created.
AuthSchemeDao. `AUTH_SCHEME_UPDATED` `dev.getelements.elements.sdk.model.dao.auth.scheme.updated`	AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an auth scheme was updated.
AuthSchemeDao. `AUTH_SCHEME_DELETED` `dev.getelements.elements.sdk.model.dao.auth.scheme.deleted`	AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an auth scheme was deleted.
OAuth2AuthSchemeDao. `OAUTH2_AUTH_SCHEME_CREATED` `dev.getelements.elements.sdk.model.dao.oauth2.auth.scheme.created`	OAuth2AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OAuth2 auth scheme was created.
OAuth2AuthSchemeDao. `OAUTH2_AUTH_SCHEME_UPDATED` `dev.getelements.elements.sdk.model.dao.oauth2.auth.scheme.updated`	OAuth2AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OAuth2 auth scheme was updated.
OAuth2AuthSchemeDao. `OAUTH2_AUTH_SCHEME_DELETED` `dev.getelements.elements.sdk.model.dao.oauth2.auth.scheme.deleted`	OAuth2AuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OAuth2 auth scheme was deleted.
OidcAuthSchemeDao. `OIDC_AUTH_SCHEME_CREATED` `dev.getelements.elements.sdk.model.dao.oidc.auth.scheme.created`	OidcAuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC auth scheme was created.

Event	Payload	Since	Notes
OidcAuthSchemeDao. `OIDC_AUTH_SCHEME_UPDATED` `dev.getelements.elements.sdk.model.dao.oidc.auth.scheme.updated`	OidcAuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC auth scheme was updated.
OidcAuthSchemeDao. `OIDC_AUTH_SCHEME_DELETED` `dev.getelements.elements.sdk.model.dao.oidc.auth.scheme.deleted`	OidcAuthScheme *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC auth scheme was deleted.
OidcLoginAttemptDao. `OIDC_LOGIN_ATTEMPT_CREATED` `dev.getelements.elements.sdk.model.dao.oidc.login.attempt.created`	OidcLoginAttempt *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC login attempt was created.
OidcLoginAttemptDao. `OIDC_LOGIN_ATTEMPT_UPDATED` `dev.getelements.elements.sdk.model.dao.oidc.login.attempt.updated`	OidcLoginAttempt *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC login attempt transitioned status (e.g. marked complete, marked failed, or claimed).
OidcProviderConfigurationDao. `OIDC_PROVIDER_CONFIGURATION_CREATED` `dev.getelements.elements.sdk.model.dao.oidc.provider.configuration.created`	OidcProviderConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC provider configuration was created.
OidcProviderConfigurationDao. `OIDC_PROVIDER_CONFIGURATION_UPDATED` `dev.getelements.elements.sdk.model.dao.oidc.provider.configuration.updated`	OidcProviderConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC provider configuration was updated.
OidcProviderConfigurationDao. `OIDC_PROVIDER_CONFIGURATION_DELETED` `dev.getelements.elements.sdk.model.dao.oidc.provider.configuration.deleted`	OidcProviderConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called when an OIDC provider configuration was deleted.

Applications, Deployments, and the Element Runtime

Event	Payload	Since	Notes
ApplicationDao. `APPLICATION_CREATED` `dev.getelements.elements.sdk.model.dao.application.created`	Application *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat was create
ApplicationDao. `APPLICATION_UPDATED` `dev.getelements.elements.sdk.model.dao.application.updated`	Application *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat was updat
ApplicationDao. `APPLICATION_DELETED` `dev.getelements.elements.sdk.model.dao.application.deleted`	Application *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat was soft-deleted.
ApplicationConfigurationDao. `APPLICATION_CONFIGURATION_CREATED` `dev.getelements.elements.sdk.model.dao.application.configuration.created`	ApplicationConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat configurati was create
ApplicationConfigurationDao. `APPLICATION_CONFIGURATION_UPDATED` `dev.getelements.elements.sdk.model.dao.application.configuration.updated`	ApplicationConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat configurati was updat
ApplicationConfigurationDao. `APPLICATION_CONFIGURATION_DELETED` `dev.getelements.elements.sdk.model.dao.application.configuration.deleted`	ApplicationConfiguration *plus a transactional variant appending* `Transaction`	3.9	Called whe an applicat configurati was delete
DeploymentDao. `DEPLOYMENT_CREATED` `dev.getelements.elements.sdk.model.dao.deployment.created`	Deployment *plus a transactional variant appending* `Transaction`	3.9	Called whe deploymen was create
DeploymentDao. `DEPLOYMENT_UPDATED` `dev.getelements.elements.sdk.model.dao.deployment.updated`	Deployment *plus a transactional variant appending* `Transaction`	3.9	Called whe deploymen was updat

Event	Payload	Since	Notes
DeploymentDao. `DEPLOYMENT_DELETED` `dev.getelements.elements.sdk.model.dao.deployment.deleted`	Deployment *plus a transactional variant appending* `Transaction`	3.9	Called whe deploymen was delete
ElementDeploymentDao. `ELEMENT_DEPLOYMENT_CREATED` `dev.getelements.elements.sdk.model.dao.element.deployment.created`	ElementDeployment *plus a transactional variant appending* `Transaction`	3.7.9	Called whe an elemen deploymen was create
ElementDeploymentDao. `ELEMENT_DEPLOYMENT_UPDATED` `dev.getelements.elements.sdk.model.dao.element.deployment.updated`	ElementDeployment *plus a transactional variant appending* `Transaction`	3.7.9	Called whe an elemen deploymen was updat
ElementDeploymentDao. `ELEMENT_DEPLOYMENT_DELETED` `dev.getelements.elements.sdk.model.dao.element.deployment.deleted`	ElementDeployment *plus a transactional variant appending* `Transaction`	3.7.9	Called whe an elemen deploymen was delete
ElementDeploymentService. `ELEMENT_DEPLOYMENT_CREATED` `dev.getelements.elements.sdk.service.element.deployment.created`	ElementDeployment	3.7.9	Called whe an elemen deploymen was create via the service lay
ElementDeploymentService. `ELEMENT_DEPLOYMENT_UPDATED` `dev.getelements.elements.sdk.service.element.deployment.updated`	ElementDeployment	3.7.9	Called whe an elemen deploymen was updat via the service lay

Event	Payload	Since	Notes
ElementDeploymentService. `ELEMENT_DEPLOYMENT_DELETED` `dev.getelements.elements.sdk.service.element.deployment.deleted`	ElementDeployment	3.7.9	Called whe an elemen deploymen was delete via the service lay
ElementRuntimeService. `RUNTIME_LOADED` `dev.getelements.elements.runtime.loaded`	`ElementRuntimeService.RuntimeRecord`	3.7.9	Published when a runtime deploymen loaded.
ElementRuntimeService. `RUNTIME_UNLOADED` `dev.getelements.elements.runtime.unloaded`	`String`	3.7.9	Published when a runtime deploymen unloaded.
ElementContainerService. `CONTAINER_MOUNTED` `dev.getelements.elements.container.mounted`	`String` , `ElementContainerService.ContainerStatus` , `ElementContainerService.ContainerRecord`	3.7.9	Published when a container i mounted. Arguments deploymen status, rec
ElementContainerService. `CONTAINER_UNMOUNTED` `dev.getelements.elements.container.unmounted`	`String`	3.7.9	Published when a container i unmounte Arguments deploymen

Event	Payload	Since	Notes
ElementLoader. `SYSTEM_EVENT_ELEMENT_LOADED` `dev.getelements.element.loaded`	*none* (the raw `Event`)	3.0	Fired once when an Element finishes loading. Co services ar not yet available a this point; inject DAO level classe or resolve services la (see Event

Email Templates

Event	Payload	Since	Notes
EmailTemplateDao. `EMAIL_TEMPLATE_CREATED` `dev.getelements.elements.sdk.model.dao.email.template.created`	EmailTemplate *plus a transactional variant appending* `Transaction`	3.9	Called when an email template was created.
EmailTemplateDao. `EMAIL_TEMPLATE_UPDATED` `dev.getelements.elements.sdk.model.dao.email.template.updated`	EmailTemplate *plus a transactional variant appending* `Transaction`	3.9	Called when an email template was updated.
EmailTemplateDao. `EMAIL_TEMPLATE_DELETED` `dev.getelements.elements.sdk.model.dao.email.template.deleted`	EmailTemplate *plus a transactional variant appending* `Transaction`	3.9	Called when an email template was deleted.

Goods, Inventory, and Receipts

Event	Payload	Since	Notes
ItemDao. `ITEM_CREATED` `dev.getelements.elements.sdk.model.dao.item.created`	Item *plus a transactional variant appending* `Transaction`	3.9	Called when an item was created.
ItemDao. `ITEM_UPDATED` `dev.getelements.elements.sdk.model.dao.item.updated`	Item *plus a transactional variant appending* `Transaction`	3.9	Called when an item was updated.
ItemDao. `ITEM_DELETED` `dev.getelements.elements.sdk.model.dao.item.deleted`	Item *plus a transactional variant appending* `Transaction`	3.9	Called when an item was deleted.
InventoryItemDao. `INVENTORY_ITEM_CREATED` `dev.getelements.elements.sdk.model.dao.inventoryitem.created`	InventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when an inventory item was created.
InventoryItemDao. `INVENTORY_ITEM_UPDATED` `dev.getelements.elements.sdk.model.dao.inventoryitem.updated`	InventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when an inventory item was updated.
InventoryItemDao. `INVENTORY_ITEM_DELETED` `dev.getelements.elements.sdk.model.dao.inventoryitem.deleted`	InventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when an inventory item was deleted.
DistinctInventoryItemDao. `DISTINCT_INVENTORY_ITEM_CREATED` `dev.getelements.elements.sdk.model.dao.distinctinventoryitem.created`	DistinctInventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when a distinct inventory item was created.
DistinctInventoryItemDao. `DISTINCT_INVENTORY_ITEM_UPDATED` `dev.getelements.elements.sdk.model.dao.distinctinventoryitem.updated`	DistinctInventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when a distinct inventory item was updated.

Event	Payload	Since	Notes
DistinctInventoryItemDao. `DISTINCT_INVENTORY_ITEM_DELETED` `dev.getelements.elements.sdk.model.dao.distinctinventoryitem.deleted`	DistinctInventoryItem *plus a transactional variant appending* `Transaction`	3.9	Called when a distinct inventory item was deleted.
ItemLedgerDao. `ITEM_LEDGER_ENTRY_CREATED` `dev.getelements.elements.sdk.model.dao.itemledgerentry.created`	ItemLedgerEntry *plus a transactional variant appending* `Transaction`	3.9	Called when an item ledger entry was created.
ProductBundleDao. `PRODUCT_BUNDLE_CREATED` `dev.getelements.elements.sdk.model.dao.productbundle.created`	ProductBundle *plus a transactional variant appending* `Transaction`	3.9	Called when a new product bundle is created.
ProductBundleDao. `PRODUCT_BUNDLE_UPDATED` `dev.getelements.elements.sdk.model.dao.productbundle.updated`	ProductBundle *plus a transactional variant appending* `Transaction`	3.9	Called when a product bundle is updated.
ProductBundleDao. `PRODUCT_BUNDLE_DELETED` `dev.getelements.elements.sdk.model.dao.productbundle.deleted`	ProductBundle *plus a transactional variant appending* `Transaction`	3.9	Called when a product bundle is deleted.
ProductSkuSchemaDao. `PRODUCT_SKU_SCHEMA_CREATED` `dev.getelements.elements.sdk.model.dao.productskuschema.created`	ProductSkuSchema *plus a transactional variant appending* `Transaction`	3.9	Called when a new product SKU schema is created.
ProductSkuSchemaDao. `PRODUCT_SKU_SCHEMA_DELETED` `dev.getelements.elements.sdk.model.dao.productskuschema.deleted`	ProductSkuSchema *plus a transactional variant appending* `Transaction`	3.9	Called when a product SKU schema is deleted.
ReceiptDao. `RECEIPT_CREATED` `dev.getelements.elements.sdk.model.dao.receipt.created`	Receipt *plus a transactional variant appending* `Transaction`	3.6.15	Called when a new receipt is created.

Event	Payload	Since	Notes
AppleIapReceiptDao. `APPLE_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.model.dao.appleiapreceipt.created`	AppleIapReceipt *plus a transactional variant appending* `Transaction`	3.9	Called when a new Apple IAP receipt is created.
AppleIapReceiptDao. `APPLE_IAP_RECEIPT_DELETED` `dev.getelements.elements.sdk.model.dao.appleiapreceipt.deleted`	AppleIapReceipt *plus a transactional variant appending* `Transaction`	3.9	Called when an Apple IAP receipt is deleted.
GooglePlayIapReceiptDao. `GOOGLE_PLAY_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.model.dao.googleplayiapreceipt.created`	GooglePlayIapReceipt *plus a transactional variant appending* `Transaction`	3.9	Called when a new Google Play IAP receipt is created.
GooglePlayIapReceiptDao. `GOOGLE_PLAY_IAP_RECEIPT_DELETED` `dev.getelements.elements.sdk.model.dao.googleplayiapreceipt.deleted`	GooglePlayIapReceipt *plus a transactional variant appending* `Transaction`	3.9	Called when a Google Play IAP receipt is deleted.
AppleIapReceiptService. `APPLE_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.service.receipt.apple.appstore.created`	AppleIapReceipt	3.6.15	Called when a new Google Play receipt is created.
FacebookIapReceiptService. `FACEBOOK_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.service.receipt.meta.facebook.created`	FacebookIapReceipt	3.6.15	Called when a new Google Play receipt is created.
GooglePlayIapReceiptService. `GOOGLE_PLAY_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.service.receipt.google.play.created`	GooglePlayIapReceipt	3.6.15	Called when a new Google Play receipt is created.

Event	Payload	Since	Notes
OculusIapReceiptService. `OCULUS_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.service.receipt.meta.oculus.created`	OculusIapReceipt	3.6.15	Called when a new Google Play receipt is created.
SteamIapReceiptService. `STEAM_IAP_RECEIPT_CREATED` `dev.getelements.elements.sdk.service.receipt.steam.created`	SteamIapReceipt	3.8.0	Called when a new Steam IAP receipt is created.

Missions, Progress, and Rewards

Event	Payload	Since	Notes
MissionDao. `MISSION_CREATED` `dev.getelements.elements.sdk.model.dao.mission.created`	Mission *plus a transactional variant appending* `Transaction`	3.9	Called when a mission was created.
MissionDao. `MISSION_UPDATED` `dev.getelements.elements.sdk.model.dao.mission.updated`	Mission *plus a transactional variant appending* `Transaction`	3.9	Called when a mission was updated.
MissionDao. `MISSION_DELETED` `dev.getelements.elements.sdk.model.dao.mission.deleted`	Mission *plus a transactional variant appending* `Transaction`	3.9	Called when a mission was deleted.
ProgressDao. `PROGRESS_CREATED` `dev.getelements.elements.sdk.model.dao.progress.created`	Progress *plus a transactional variant appending* `Transaction`	3.9	Called when a progress was created as a result of assigning a schedule's missions to a profile.

Event	Payload	Since	Notes
ProgressDao. `PROGRESS_UPDATED` `dev.getelements.elements.sdk.model.dao.progress.updated`	Progress *plus a transactional variant appending* `Transaction`	3.9	Called when a progress was updated.
ProgressDao. `PROGRESS_DELETED` `dev.getelements.elements.sdk.model.dao.progress.deleted`	Progress *plus a transactional variant appending* `Transaction`	3.9	Called when a progress was deleted as a result of unassigning a schedule's missions from a profile.
RewardIssuanceDao. `REWARD_ISSUANCE_CREATED` `dev.getelements.elements.sdk.model.dao.rewardissuance.created`	RewardIssuance *plus a transactional variant appending* `Transaction`	3.9	Called when a new reward issuance is issued/created.
RewardIssuanceDao. `REWARD_ISSUANCE_UPDATED` `dev.getelements.elements.sdk.model.dao.rewardissuance.updated`	RewardIssuance *plus a transactional variant appending* `Transaction`	3.9	Called when a reward issuance is updated, such as when its expiration is changed or it is redeemed.
RewardIssuanceDao. `REWARD_ISSUANCE_DELETED` `dev.getelements.elements.sdk.model.dao.rewardissuance.deleted`	RewardIssuance *plus a transactional variant appending* `Transaction`	3.9	Called when a reward issuance is deleted (including implicit deletion of NON_PERSISTENT issuances upon redemption).

Leaderboards and Scores

Event	Payload	Since	Notes
LeaderboardDao. `LEADERBOARD_CREATED` `dev.getelements.elements.sdk.model.dao.leaderboard.created`	Leaderboard *plus a transactional variant appending* `Transaction`	3.9	Called when a leaderboard was created.

Event	Payload	Since	Notes
LeaderboardDao. `LEADERBOARD_UPDATED` `dev.getelements.elements.sdk.model.dao.leaderboard.updated`	Leaderboard *plus a transactional variant appending* `Transaction`	3.9	Called when a leaderboard was updated.
LeaderboardDao. `LEADERBOARD_DELETED` `dev.getelements.elements.sdk.model.dao.leaderboard.deleted`	Leaderboard *plus a transactional variant appending* `Transaction`	3.9	Called when a leaderboard was deleted.
ScoreDao. `SCORE_CREATED_OR_UPDATED` `dev.getelements.elements.sdk.model.dao.score.created.or.updated`	Score *plus a transactional variant appending* `Transaction`	3.9	Called when a score was created or updated.

Matchmaking

Event	Payload	Since	Notes
MatchDao. `MATCH_CREATED` `dev.getelements.elements.sdk.model.dao.match.created`	Match *plus a transactional variant appending* `Transaction`	3.9	Called when a match was created.
MatchDao. `MATCH_DELETED` `dev.getelements.elements.sdk.model.dao.match.deleted`	Match *plus a transactional variant appending* `Transaction`	3.9	Called when a match was deleted.
MultiMatchDao. `MULTI_MATCH_CREATED` `dev.getelements.elements.sdk.model.dao.multi.match.created`	MultiMatch *plus a transactional variant appending* `Transaction`	3.3.2	Called when a multi-match was created.

Event	Payload	Since	Notes
MultiMatchDao. `MULTI_MATCH_UPDATED` `dev.getelements.elements.sdk.model.match.dao.multi.match.updated`	MultiMatch *plus a transactional variant appending* `Transaction`	3.3.2	Called when a multi-match was updated.
MultiMatchDao. `MULTI_MATCH_DELETED` `dev.getelements.elements.sdk.model.match.dao.multi.match.deleted`	MultiMatch *plus a transactional variant appending* `Transaction`	3.3.2	Called when a multi-match was deleted.
MultiMatchDao. `MULTI_MATCH_EXPIRED` `dev.getelements.elements.sdk.model.match.dao.multi.match.expired`	MultiMatch *plus a transactional variant appending* `Transaction`	3.3.2	Called when a multi-match was expired.
MultiMatchDao. `MULTI_MATCHES_TRUNCATED` `dev.getelements.elements.sdk.model.match.dao.multi.matches.truncated`	MultiMatch *plus a transactional variant appending* `Transaction`	3.4.11	Called when all multi-matches were deleted. Will not drive individual deletion events.
MultiMatchDao. `MULTI_MATCH_ADD_PROFILE` `dev.getelements.elements.sdk.model.dao.multi.match.add.profile`	MultiMatch, Profile *plus a transactional variant appending* `Transaction`	3.3.2	Called when a profile is added to a multi match.
MultiMatchDao. `MULTI_MATCH_REMOVE_PROFILE` `dev.getelements.elements.sdk.model.dao.multi.match.remove.profile`	MultiMatch, Profile *plus a transactional variant appending* `Transaction`	3.3.2	Called when a profile is removed from a multi match.
MatchService. `EVENT_1V1_MADE` `dev.getelements.elements.service.match.1v1.made`	Profile, Profile	3.0	Event indicating that a simple 1v1 match has been made between two profiles.

Schedules

Event	Payload	Since	Notes
ScheduleDao. `SCHEDULE_CREATED` `dev.getelements.elements.sdk.model.dao.schedule.created`	Schedule *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule was created.
ScheduleDao. `SCHEDULE_UPDATED` `dev.getelements.elements.sdk.model.dao.schedule.updated`	Schedule *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule was updated.
ScheduleDao. `SCHEDULE_DELETED` `dev.getelements.elements.sdk.model.dao.schedule.deleted`	Schedule *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule was deleted.
ScheduleEventDao. `SCHEDULE_EVENT_CREATED` `dev.getelements.elements.sdk.model.dao.schedule.event.created`	ScheduleEvent *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule event was created.
ScheduleEventDao. `SCHEDULE_EVENT_UPDATED` `dev.getelements.elements.sdk.model.dao.schedule.event.updated`	ScheduleEvent *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule event was updated.
ScheduleEventDao. `SCHEDULE_EVENT_DELETED` `dev.getelements.elements.sdk.model.dao.schedule.event.deleted`	ScheduleEvent *plus a transactional variant appending* `Transaction`	3.9	Called when a schedule event was deleted.

Social

Event	Payload	Since	Notes

FollowerDao. `FOLLOWER_CREATED` `dev.getelements.elements.sdk.model.dao.follower.created`	Profile *plus a transactional variant appending* `Transaction`	3.9	Called when a follower relationship was created.
FollowerDao. `FOLLOWER_DELETED` `dev.getelements.elements.sdk.model.dao.follower.deleted`	Profile *plus a transactional variant appending* `Transaction`	3.9	Called when a follower relationship was deleted.
FriendDao. `FRIEND_DELETED` `dev.getelements.elements.sdk.model.dao.friend.deleted`	Friend *plus a transactional variant appending* `Transaction`	3.9	Called when a friend relationship was deleted.
FCMRegistrationDao. `FCM_REGISTRATION_CREATED` `dev.getelements.elements.sdk.model.dao.fcm.registration.created`	FCMRegistration *plus a transactional variant appending* `Transaction`	3.9	Called when an FCM registration was created.
FCMRegistrationDao. `FCM_REGISTRATION_UPDATED` `dev.getelements.elements.sdk.model.dao.fcm.registration.updated`	FCMRegistration *plus a transactional variant appending* `Transaction`	3.9	Called when an FCM registration was updated.
FCMRegistrationDao. `FCM_REGISTRATION_DELETED` `dev.getelements.elements.sdk.model.dao.fcm.registration.deleted`	FCMRegistration *plus a transactional variant appending* `Transaction`	3.9	Called when an FCM registration was deleted.

Save Data and Large Objects

Event	Payload	Since	Notes
SaveDataDocumentDao. `SAVE_DATA_DOCUMENT_CREATED` `dev.getelements.elements.sdk.model.dao.save.data.document.created`	SaveDataDocument *plus a transactional variant appending* `Transaction`	3.9	Called when a save data document was created.

Event	Payload	Since	Notes
SaveDataDocumentDao. `SAVE_DATA_DOCUMENT_UPDATED` `dev.getelements.elements.sdk.model.dao.save.data.document.updated`	SaveDataDocument *plus a transactional variant appending* `Transaction`	3.9	Called when a save data document was updated.
SaveDataDocumentDao. `SAVE_DATA_DOCUMENT_DELETED` `dev.getelements.elements.sdk.model.dao.save.data.document.deleted`	SaveDataDocument *plus a transactional variant appending* `Transaction`	3.9	Called when a save data document was deleted.
LargeObjectDao. `LARGE_OBJECT_CREATED` `dev.getelements.elements.sdk.model.dao.large.object.created`	LargeObject *plus a transactional variant appending* `Transaction`	3.9	Called when a large object was created.
LargeObjectDao. `LARGE_OBJECT_UPDATED` `dev.getelements.elements.sdk.model.dao.large.object.updated`	LargeObject *plus a transactional variant appending* `Transaction`	3.9	Called when a large object was updated.
LargeObjectDao. `LARGE_OBJECT_DELETED` `dev.getelements.elements.sdk.model.dao.large.object.deleted`	LargeObject *plus a transactional variant appending* `Transaction`	3.9	Called when a large object was deleted.

Blockchain

Event	Payload	Since	Notes
SmartContractDao. `SMART_CONTRACT_CREATED` `dev.getelements.elements.sdk.model.dao.smart.contract.created`	SmartContract *plus a transactional variant appending* `Transaction`	3.9	Called when a smart contract was created.
SmartContractDao. `SMART_CONTRACT_UPDATED` `dev.getelements.elements.sdk.model.dao.smart.contract.updated`	SmartContract *plus a transactional variant appending* `Transaction`	3.9	Called when a smart contract was updated.

Event	Payload	Since	Notes
SmartContractDao. `SMART_CONTRACT_DELETED` `dev.getelements.elements.sdk.model.dao.smart.contract.deleted`	SmartContract *plus a transactional variant appending* `Transaction`	3.9	Called when a smart contract was deleted.
VaultDao. `VAULT_CREATED` `dev.getelements.elements.sdk.model.dao.vault.created`	Vault *plus a transactional variant appending* `Transaction`	3.9	Called when a vault was created.
VaultDao. `VAULT_UPDATED` `dev.getelements.elements.sdk.model.dao.vault.updated`	Vault *plus a transactional variant appending* `Transaction`	3.9	Called when a vault was updated.
VaultDao. `VAULT_DELETED` `dev.getelements.elements.sdk.model.dao.vault.deleted`	Vault *plus a transactional variant appending* `Transaction`	3.9	Called when a vault was deleted.
WalletDao. `WALLET_CREATED` `dev.getelements.elements.sdk.model.dao.wallet.created`	Wallet *plus a transactional variant appending* `Transaction`	3.9	Called when a wallet was created.
WalletDao. `WALLET_UPDATED` `dev.getelements.elements.sdk.model.dao.wallet.updated`	Wallet *plus a transactional variant appending* `Transaction`	3.9	Called when a wallet was updated.
WalletDao. `WALLET_DELETED` `dev.getelements.elements.sdk.model.dao.wallet.deleted`	Wallet *plus a transactional variant appending* `Transaction`	3.9	Called when a wallet was deleted.

Metadata, Codes, and Tokens

Event	Payload	Since	Notes
MetadataDao. `METADATA_CREATED` `dev.getelements.elements.sdk.model.dao.metadata.created`	Metadata *plus a transactional variant appending* `Transaction`	3.9	Called when metadata was created.
MetadataDao. `METADATA_UPDATED` `dev.getelements.elements.sdk.model.dao.metadata.updated`	Metadata *plus a transactional variant appending* `Transaction`	3.9	Called when metadata was updated.
MetadataDao. `METADATA_DELETED` `dev.getelements.elements.sdk.model.dao.metadata.deleted`	Metadata *plus a transactional variant appending* `Transaction`	3.9	Called when metadata was soft-deleted.
MetadataSpecDao. `METADATA_SPEC_CREATED` `dev.getelements.elements.sdk.model.dao.metadata.spec.created`	MetadataSpec *plus a transactional variant appending* `Transaction`	3.9	Called when a metadata spec was created.
MetadataSpecDao. `METADATA_SPEC_UPDATED` `dev.getelements.elements.sdk.model.dao.metadata.spec.updated`	MetadataSpec *plus a transactional variant appending* `Transaction`	3.9	Called when a metadata spec was updated.
MetadataSpecDao. `METADATA_SPEC_DELETED` `dev.getelements.elements.sdk.model.dao.metadata.spec.deleted`	MetadataSpec *plus a transactional variant appending* `Transaction`	3.9	Called when a metadata spec was deleted.
UniqueCodeDao. `UNIQUE_CODE_CREATED` `dev.getelements.elements.sdk.model.dao.unique.code.created`	UniqueCode *plus a transactional variant appending* `Transaction`	3.9	Called when a unique code was generated.

Event	Payload	Since	Notes
UniqueCodeDao. `UNIQUE_CODE_UPDATED` `dev.getelements.elements.sdk.model.dao.unique.code.updated`	UniqueCode *plus a transactional variant appending* `Transaction`	3.9	Called when a unique code's timeout was successfully reset.
UniqueCodeDao. `UNIQUE_CODE_DELETED` `dev.getelements.elements.sdk.model.dao.unique.code.deleted`	UniqueCode *plus a transactional variant appending* `Transaction`	3.9	Called when a unique code was successfully released.
TokensWithExpirationDao. `TOKEN_WITH_EXPIRATION_CREATED` `dev.getelements.elements.sdk.model.dao.token.with.expiration.created`	TokenWithExpiration *plus a transactional variant appending* `Transaction`	3.9	Called when a token with expiration was created.
TokensWithExpirationDao. `TOKEN_WITH_EXPIRATION_DELETED` `dev.getelements.elements.sdk.model.dao.token.with.expiration.deleted`	TokenWithExpiration *plus a transactional variant appending* `Transaction`	3.9	Called when a token with expiration was deleted.
TokensWithExpirationDao. `TOKENS_WITH_EXPIRATION_TRUNCATED` `dev.getelements.elements.sdk.model.dao.tokens.with.expiration.truncated`	User *plus a transactional variant appending* `Transaction`	3.9	Called when all tokens with expiration for a user were deleted in bulk. Will not drive individual deletion events.