SDK Event and Action Types

This article describes how to access event and action types.

Events

The available events are as follows:

- RecordImpressions
- RecordPageEvents
- RecordRecClicks
- RecordRecImpressions
- ContextIpAddress
- ContextCustomVariables
- ContextUserAgent
- ContextPageView
- ContextCart
- ContextAddToCart
- ContextPurchase
- ContextMetadata
- ContextProductDetailView
- ContextProductThumbnailView
- ContextReferrer
- ContextCoordinates
- ContextScreenSize
- ContextClosedSession

Events are defined in the monetate_ios_sdk package. Import this package with the following code:

```
import monetate_ios_sdk
```

Once imported, you can reference these events using the syntax `.<event name>`. For example, `RecordImpressions` is referenced by `.RecordImpressions`.

Actions

The available actions are as follows:

- OmnichannelJson (monetate:action:OmnichannelJson)
- OmniChannelImageBadging (monetate:action:OmniChannelImageBadging)
- OmnichannelRecommendation (monetate:action:OmnichannelRecommendation)
- SocialProofDataV2 (monetate:action:SocialProofDataV2)
- DataCollection (monetate:action:DataCollection)
- NoAction (monetate:action:NoAction)

Actions are defined in the monetate_ios_sdk package. Import this package with the following code:

```
import monetate_ios_sdk
```

Once imported, you can reference these actions using the associated names listed above. For example, OmniChannelJson is referenced by monetate:action:OmnichannelJson. Full code block example:

```
objPersonalization.getActionsData(
  requestId: "123456",
  includeReporting: false,
  arrActionTypes: ["monetate:action:OmnichannelJson", "monetate:action:OmnichannelRecommend
  if res.status == 200 {
    self.handleRecommendations(res: res)
  } else {
  }
}
```