

# SDK Event Details

This article provides details and descriptions for the event JSON objects.

Required attributes are in bold.

## monetate:context:ipAddress

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>ipAddress: String</b>	The IP address to send.

### Example

```
{
  "eventType": "monetate:context:ipAddress",
  "ipAddress": "198.51.100.0"
}
```

## monetate:context:PageView

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>path: String</b>	The path portion of the URL for the page viewed. Optional if URL is included.
<b>url: String</b>	The complete URL for the page viewed. Optional if path is specified.
<b>pageType: String</b>	The type the page viewed. For example, index or PDP.
categories: Array	Categories to filter against. Only matching actions are evaluated.
breadcrumbs: Array	Breadcrumbs to filter against. Only matching actions are evaluated.

### Example

```
{
  "eventType": "monetate:context:PageView",
  "url": "http://www.monetate.com/index.html",
  "pageType": "home",
  "categories": ["category"],
  "breadcrumbs": ["breadcrumb"]
}
```

## monetate:context:Cart

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>cartLines: Array[cartLine]</b>	The contents of the cart. Refer to <a href="#">cartLine</a> for details.

### Example

```
{
  "eventType": "monetate:context:Cart",
  "cartLines": [{
    "sku": "SKU1",
    "pid": "PID1",
    "quantity": 2,
    "currency": "USD",
    "value": "24.00"
  }]
}
```

## monetate:context:AddToCart

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>cartLines: Array[cartLine]</b>	The item to add to the cart. Refer to <a href="#">cartLine</a> for details.

### Example

```
{
  "eventType": "monetate:context:Cart",
  "cartLines": [{
    "sku": "SKU1",
    "pid": "PID1",
    "quantity": 2,
    "currency": "USD",
    "value": "24.00"
  }]
}
```

## monetate:context:Purchase

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>account: String</b>	The account ID.
<b>domain: String</b>	The account domain.
<b>instance: String</b>	The type of instance.

Attribute	Description
<b>purchaseld: String</b>	The unique identifier for the purchase.
<b>purchaseLines: Array[purchaseLine]</b>	The contents of the purchase. Refer to <a href="#">purchaseLine</a> for details.

### Example

```
{
  "eventType": "monetate:context:Purchase",
  "account": "3",
  "domain": "example.com",
  "instance": "p",
  "purchaseld": "1b2c3d",
  "purchaseLines": [{
    "sku": "SKU1",
    "pid": "PID1",
    "quantity": 2,
    "currency": "USD",
    "value": "24.00"
  }]
}
```

## monetate:context:Metadata

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>metadata: Object</b>	Additional custom data to send.
<b>language: String</b>	The language of the device or app.

### Example

```
{
  "eventType": "monetate:context:Metadata",
  "metadata": {
    "language": "en-GB"
  }
}
```

## monetate:context:ProductDetailView

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>products: Array[product]</b>	The list of products to display. Refer to <a href="#">product</a> for details.

## Example

```
{
  "eventType": "monetate:context:ProductView",
  "products": ["product72", "product43", "product42"]
}
```

## monetate:context:ProductThumbnailView

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>products: Array[product]</b>	The list of products to display. Refer to <a href="#">product</a> for details.

## Example

```
{
  "eventType": "monetate:context:ProductThumbnailView",
  "products": ["product72", "product43", "product42"]
}
```

## monetate:context:Coordinates

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>latitude: String</b>	The latitude of the user.
<b>longitудe: String</b>	The longitude of the user.

## Example

```
{
  "eventType": "monetate:context:Coordinates",
  "latitude": "49.566667",
  "longitude": "10.883333"
}
```

## monetate:context:ScreenSize

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>height: Number</b>	The height of the device.
<b>width: Number</b>	The width of the device.

## Example

```
{
  "eventType": "monetate:context:ScreenSize",
  "height": 762,
  "width": 1024
}
```

## monetate:context:CustomVariables

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>customVariables: Array[CustomVariables]</b>	An array of custom variables.
<b>variable: String</b>	The name of the custom variable
<b>value: String</b>	The value of the custom variable.

### Example

```
{
  "eventType": "monetate:context:CustomVariables",
  "customVariables": [{
    "variable": "favoriteTeam",
    "value": "Blue Hens"
  }]
}
```

## monetate:context:UserAgent

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>userAgent: String</b>	The user agent header value.

### Example

```
{
  "eventType": "monetate:context:UserAgent",
  "userAgent": "Mozilla/5.0 (Macintosh; U; Intel Mac OS X; en) AppleWebKit/522.11 (KHTML, like Ge
}
```

## monetate:context:Referrer

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>referrer: String</b>	The referring URL.

## Example

```
{
  "eventType": "monetate:context:Referrer",
  "referrer": "http://www.example.com"
}
```

## monetate:context:ClosedSession

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>closedSession: Object</b>	The closed session object retrieved from the closed session stream.
<b>version: String</b>	The version of the closed session object.

## Example

```
{
  "eventType": "monetate:context:ClosedSession",
  "closedSession": {"account_id": 123, "has_cart": "t", "has_purchase": "f", ...}
  "version": "2.0"
}
```

## monetate:record:PageEvents

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>pageEvents: Array[String]</b>	The array of page events.

## Example

```
{
  "eventType": "monetate:record:PageEvents",
  "pageEvents": ["myEvent"]
}
```

## monetate:record:Impressions

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>impressionsIds: Array[String]</b>	The list of impression identifier strings.

## Example

```
{
  "eventType": "monetate:record:Impressions",
  "impressionIds": [
    "3.MS4xLjE1MTQ4MDg5MDAuMDAwMDAw"
  ]
}
```

## monetate:record:RecClicks

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>recClicks: Array[String]</b>	The array of recommendation click tokens to record.

### Example

```
{
  "eventType": "monetate:record:RecClicks",
  "recClicks": ["rt.1.xxx", "rt.1.yyy"]
}
```

## monetate:record:RecImpressions

Attribute	Description
<b>eventType: String</b>	Identifies the type of event. Use the name of this event.
<b>recImpressions: Array[String]</b>	The array of recommendation impression tokens to be recorded.

### Example

```
{
  "eventType": "monetate:record:RecImpressions",
  "recImpressions": ["rt.1.xxx", "rt.1.yyy"]
}
```

## cartLine

Attribute	Description
<b>sku: String</b>	The unique identifier for the product.
<b>pid: String</b>	The parent identifier for a related set of SKUs.
<b>quantity: Number</b>	The number of items in the cart.
<b>currency: String</b>	The currency type of the purchase value.
<b>value: String</b>	The total value of the items in the specified currency.

## **purchaseLine**

<b>Attribute</b>	<b>Description</b>
<b>sku: String</b>	The unique identifier for the product.
<b>pid: String</b>	The parent identifier for a related set of SKUs.
<b>quantity: Number</b>	The number of items in the cart.
<b>currency: String</b>	The currency type of the purchase value.
<b>value: String</b>	The total value of the items in the specified currency.

## **product**

<b>Attribute</b>	<b>Description</b>
productId: String	The product ID.
sku: String	The unique identifier for the product.