# Event

An event happening in the system.

## Relevant links

* [API Documentation](../api/v0/index.html#/operations/list_event)
* [Download docx](../download/event.docx)

## Fields

| Name | Description | Format | Reference |
| --- | --- | --- | --- |
| id | Unique surrogate identifier. | bigintRead only |  |
| specversion | The version of the CloudEvents specification followed by the resource. | textRead only |  |
| time | The time at which the event was generated. | timestamp with time zoneRead only |  |
| type | The type of the event. | textPattern: ^no.elhub.flex.Read only |  |
| source | The URI of the resource concerned by the event. | textPattern: ^(\/([a-z][a-z\_]\*\|[0-9]+))+$Read only |  |
| data | The data of the event. | textRead only |  |

## Validation Rules

No validation rules.

## Notifications

No notifications.

## Authorization

### Resource Level Authorization

Below is the [RLA](../technical/auth.md#resource-level-authorization-rla) for the resource. The default policy is **deny**.

#### Anonymous

No policies.

#### Entity

No policies.

#### Common

| Policy key | Policy | Status |
| --- | --- | --- |
| EVENT-COM001 | Read all events. | DONE |

#### Balance Responsible Party

No policies.

#### End User

No policies.

#### Energy Supplier

No policies.

#### Flexibility Information System Operator

No policies.

#### Market Operator

No policies.

#### System Operator

No policies.

#### Service Provider

No policies.

#### Third Party

No policies.

### Field Level Authorization

For party type abbreviations, check [the auth docs](../technical/auth.md#party-market-actors)

| FIELD | ANON | BRP | ES | EU | FISO | MO | SO | SP | TP |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id |  | R | R | R | R | R | R | R | R |
| specversion |  | R | R | R | R | R | R | R | R |
| time |  | R | R | R | R | R | R | R | R |
| type |  | R | R | R | R | R | R | R | R |
| source |  | R | R | R | R | R | R | R | R |
| data |  | R | R | R | R | R | R | R | R |