

gRPC API

$$:$$
[illegible]

```
{
  "method": "axonsoft.bl.events.EventHistoryService.ReadEvents",
  "data": {
    "range": {
      "begin_time": "20200225T125548.340",
      "end_time": "20200225T130548.341"
    },
    "limit": 30,
    "offset": 0,
    "descending": false
  }
}
```

$$\vdots$$

- **descending** – : = false, . true, .
- **limit** – .

$$\vdots$$

- **type** – , ITV\bl\events.proto;
- **subjects** – (, , ..);
- **values** – ;
- **texts** – .

```
{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadEvents",
  "data": {
    "range": {
      "begin_time": "20200225T152806.572",
      "end_time": "20200225T153806.572"
    },
    "filters": {
      "filters": [
        {
          "type": "ET_IpDeviceStateChangedEvent",
          "subjects": "hosts/Server1/DeviceIpint.10"
        }
      ]
    },
    "limit": 300,
    "offset": 0,
    "descending": false
  }
}
```

```
{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadEvents",
  "data": {
    "range": {
      "begin_time": "20200226T074425.274",
      "end_time": "20200226T075425.274"
    },
    "filters": {
      "filters": [
        {
          "type": "ET_IpDeviceStateChangedEvent",
          "values": "IPDS_DISCONNECTED"
        }
      ]
    },
    "limit": 300,
    "offset": 0,
    "descending": false
  }
}
```

```
{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadEvents",
  "data": {
    "range": {
      "begin_time": "20211020T120000.000",
      "end_time": "20211020T200000.000"
    },
    "filters": {
      "filters": [
        {
          "type": "ET_DetectorEvent",
          "values": "DG_LPR_DETECTOR"
        }
      ]
    },
    "limit": 10000,
    "descending": true
  }
}
```

, FOOD (10)

```
{
  "method": "axonsoft.bl.events.EventHistoryService.ReadTextEvents",
  "data": {
    "range": {
      "begin_time": "20231030T014305.137",
      "end_time": "20231030T232305.137"
    },
    "filters": {
      "filters": [
        {
          "subjects": "hosts/Server/DeviceIpint.7/SourceEndpoint.video:0:0",
          "filter_containing_text_parts": false,
          "texts": "FOOD"
        }
      ]
    },
    "limit": 10,
    "offset": 0,
    "descending": false
  }
}
```

:

- range – , ;
- subjects – (, , ..);
- filter_containing_text_parts – : = true, , texts. = false, , texts;
- limit – ;
- descending – : = false, . true, .

```
{
  "method": "axonsoft.bl.events.EventHistoryService.ReadAlerts",
  "data": {
    "range": {
      "begin_time": "20200225T150142.437",
      "end_time": "20200225T151142.437"
    },
    "limit": 100,
    "offset": 0,
    "descending": false
  }
}
```



, .

```
{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadAlerts",
  "data": {
    "range": {
      "begin_time": "20200225T150845.757",
      "end_time": "20200225T151845.758"
    },
    "filters": {
      "filters": [
        {
          "subjects": "hosts/Server1/DeviceIpint.7/SourceEndpoint.video:0:0",
          "values": "BEGAN"
        }
      ]
    },
    "limit": 100,
    "offset": 0,
    "descending": false
  }
}
```

```
{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadLprEvents",
  "data": {
    "range": {
      "begin_time": "20200226T104305.137",
      "end_time": "20200226T105305.137"
    },
    "filters": {
      "filters": [
        {
          "subjects": "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0",
          "values": "829777"
        }
      ]
    },
    "limit": 50,
    "offset": 0,
    "descending": false
  }
}
```

```

{
  "method": "axxonsoft.bl.events.EventHistoryService.ReadLprEvents",
  "data": {
    "range": {
      "begin_time": "20200226T104305.137",
      "end_time": "20200226T105305.137"
    },
    "filters": {
      "filters": [
        {
          "subjects": "hosts/Server1/DeviceIpint.1/SourceEndpoint.video:0:0"
        }
      ]
    },
    "limit": 50,
    "offset": 0,
    "search_predicate": "*82*",
    "descending": false
  }
}

```

```

{
  "method": "axxonsoft.bl.events.DomainNotifier.PullEvents",
  "data": {
    "subscription_id": "a003ed13-3b8f-4cef-a450-0199dc259w37",
    "filters": {
      "include": [{
        "event_type": "ET_DetectorEvent",
        "subject": "hosts/Server1/AVDetector.1/EventSupplier"
      },
      {
        "event_type": "ET_DetectorEvent",
        "subject": "hosts/Server1/AVDetector.2/EventSupplier"
      },
      {
        "event_type": "ET_DetectorEvent",
        "subject": "hosts/Server2/AVDetector.1/EventSupplier"
      }
    ]
  }
}

```

- **subscription_id** id (UUID;);
- **event_type** ();
- **subject** (;).

:

1. PullEvents. "200 " .
2. DisconnectEventChannel. , .
DisconnectEventChannel:

```
{
  "method": "axxonsoft.bl.events.DomainNotifier.DisconnectEventChannel",
  "data": {
    "subscription_id": "a003ed13-3b8f-4cef-a450-0199dc259w37"
  }
}
```



subscription_id .

,

```
{
  "method": "axxonsoft.bl.events.DomainNotifier.PullEvents",
  "data": {
    "subscription_id": "a003ed13-3b8f-4cef-a450-0199dc259w37",
    "filters": {
      "include": {
        "event_type": "ET_DetectorEvent",
        "subject" : "hosts/A-BUDNIKOV/DeviceIpint.1/SourceEndpoint.video:0:0"
      }
    }
  }
}
```

- **subscription_id** id (UUID;);
- **event_type** ();
- **subject** (;).

, :

```
"details": [
  {
    "lots_objects": {
      "object_count": 3
    }
  }
],
```

- **object_count** , .

```
{
  "method": "axxonsoft.bl.events.DomainNotifier.PullEvents",
  "data": {
    "subscription_id": "a001ed13-3b8f-4cef-a450-0199dc259w37",
    "filters": {
      "include": {
        "event_type": "ET_ObjectActivatedEvent",
        "subject": ""
      }
    }
  }
}
```

- **subscription_id** id (UUID;);
- **event_type** ();
- **subject** ().

, :

```
{
  "event_type": "ET_ObjectActivatedEvent",
  "subject": "",
  "body": {
    "@type": "type.googleapis.com/axxonsoft.bl.events.ObjectActivatedEvent",
    "guid": "88c930c5-89a7-4382-a004-119a8ea56c78",
    "is_activated": true,
    "timestamp": "20221003T065757.170118",
    "object_id_ext": {
      "access_point": "hosts/SERVER1/DeviceIpint.1/SourceEndpoint.audio:0",
      "friendly_name": "Camera"
    }
  },
}
```

- **is_activated** ().

(POS-)

```
{
  "method": "axxonsoft.bl.events.DomainNotifier.PullEvents",
  "data": {
    "subscription_id": "a003ed13-3b8f-4cef-a450-0199dc259h35",
    "filters": {
      "include": [{
        "event_type": "ET_TextEvent",
        "subject": "hosts/Server/DeviceIpint.7/SourceEndpoint.video:0:0"
      }]
    }
  }
}
```

- **subscription_id** id (UUID;);
- **event_type** ();
- **subject** ().