

Mobile application customization

Getting the settings and data from the [Dashboard] section

Version 8.0



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Getting the settings and data from the [Dashboard] section

 Advanced

Getting the settings and the dashboards data is implemented in the `AnalyticsService` service and in the `AnalyticsServiceUtils` utility in the `Platform` package.

Sample requests to the AnalyticsService service

 Advanced

Request headers

```
Accept:application/json
```

Methods

`GetDashboardViewConfig()`

Request

```
POST /0/rest/AnalyticsService/GetDashboardViewConfig
```

```
{
  "id": "a71d5c04-dff7-4892-90e5-9e7cc2246915"
}
```

Response

```
{
  "items": [
    {
      "layout": {
        "column": 0,
        "row": 0,

```

```
        "colSpan": 12,  
        "rowSpan": 5  
    },  
    "name": "Chart4",  
    "itemType": 4,  
    "widgetType": "Chart"  
  }  
]  
}
```

GetDashboardData()

Request

POST /0/rest/AnalyticsService/GetDashboardData

```
{  
  "id": "a71d5c04-dff7-4892-90e5-9e7cc2246915",  
  "timeZoneOffset": 120  
}
```

Response

```
{  
  "items": [  
    {  
      "name": "Indicator1",  
      "caption": "Average time for activity",  
      "widgetType": "Indicator",  
      "style": "widget-green",  
      "data": 2  
    }  
  ]  
}
```

GetDashboardItemData()

Request

```
POST /0/rest/AnalyticsService/GetDashboardItemData
```

```
{
  "dashboardId": "a71d5c04-dff7-4892-90e5-9e7cc2246915",
  "itemName": "Chart4",
  "timeZoneOffset": 120
}
```

Response

```
{
  "name": "Chart4",
  "caption": "Invoice payment dynamics",
  "widgetType": "Chart",
  "chartConfig": {
    "xAxisDefaultCaption": null,
    "yAxisDefaultCaption": null,
    "seriesConfig": [
      {
        "type": "column",
        "style": "widget-green",
        "xAxis": {
          "caption": null,
          "dateTimeFormat": "Month;Year"
        },
        "yAxis": {
          "caption": "Actually paid",
          "dataValueType": 6
        },
        "schemaName": "Invoice",
        "schemaCaption": "Invoice",
        "useEmptyValue": null
      }
    ],
    "orderDirection": "asc"
  },
  "style": "widget-green",
  "data": []
}
```

AnalyticsService class C#



Class implements the functionality of getting settings and the dashboards data.

Methods

Stream GetDashboardViewConfig(Guid id)

Returns the settings of a view and widgets on the dashboards tab by the dashboard page Id.

Stream GetDashboardData(Guid id, int timeZoneOffset)

Returns the data from all widgets on the dashboards tab by the dashboard page Id.

Stream GetDashboardItemData(Guid dashboardId, string itemName, int timeZoneOffset)

Returns data from a specific widget by the dashboard page Id and the widget name.

`timeZoneOffset` - the time zone offset (in minutes) from the UTC. Dashboards data will be received using this time zone.