

# ReportManager

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## Description

- `org.joget.report.service.ReportManager`
- Under wflow-core module
- Service methods used to collect data for reporting purpose

## Code Sample

```
import java.util.Collection;
import org.joget.apps.app.service.AppUtil;
import org.joget.report.model.ReportRow;
import org.joget.report.service.ReportManager;

ReportManager reportManager = (ReportManager) AppUtil.getApplicationContext().getBean("reportManager");

//get sla report for process instances of CRM app
Collection<ReportRow> processSla = reportManager.getWorkflowProcessSlaReport("crm", null, null, null, null,
null);
```

## Methods

`getReportAppList`

```
public java.util.Collection<org.joget.report.model.ReportApp> getReportAppList(java.lang.String sort, java.
lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves list of all app from report table

`getReportApp`

```
public org.joget.report.model.ReportApp getReportApp(java.lang.String appId, java.lang.String appVersion,
java.lang.String appName)
```

Gets an app data from report table

`getReportAppListSize`

```
public long getReportAppListSize()
```

Retrieves the number of app from report table

getReportWorkflowActivity

```
public org.joget.report.model.ReportWorkflowActivity getReportWorkflowActivity(ReportWorkflowProcess
reportWorkflowProcess, java.lang.String activityDefId, java.lang.String activityName)
```

Gets activity data from report table

getReportWorkflowActivityInstance

```
public org.joget.report.model.ReportWorkflowActivityInstance getReportWorkflowActivityInstance(java.lang.
String activityInstanceId)
```

Gets activity instance data from report table

getReportWorkflowActivityInstanceList

```
public java.util.Collection<org.joget.report.model.ReportWorkflowActivityInstance>
getReportWorkflowActivityInstanceList(java.lang.String appId, java.lang.String appVersion, java.lang.String
processDefId, java.lang.String activityDefId, java.lang.String sort, java.lang.Boolean desc, java.lang.
Integer start, java.lang.Integer rows)
```

Retrieves list of activity instances from report table

getReportWorkflowActivityInstanceListSize

```
public long getReportWorkflowActivityInstanceListSize(java.lang.String appId, java.lang.String appVersion,
java.lang.String processDefId, java.lang.String activityDefId)
```

Retrieves the number of activity instances from report table

getReportWorkflowActivityList

```
public java.util.Collection<org.joget.report.model.ReportWorkflowActivity> getReportWorkflowActivityList
(java.lang.String appId, java.lang.String appVersion, java.lang.String processDefId, java.lang.String sort,
java.lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves list of activities from report table

getReportWorkflowActivityListSize

```
public long getReportWorkflowActivityListSize(java.lang.String appId, java.lang.String appVersion, java.lang.
String processDefId)
```

Retrieves the number of activities from report table

getReportWorkflowPackage

```
public org.joget.report.model.ReportWorkflowPackage getReportWorkflowPackage(ReportApp reportApp, java.lang.
String packageId, java.lang.String packageVersion, java.lang.String packageName)
```

Gets workflow package data from report table

getReportWorkflowProcess

```
public org.joget.report.model.ReportWorkflowProcess getReportWorkflowProcess(ReportWorkflowPackage
reportWorkflowPackage, java.lang.String processDefId, java.lang.String processName)
```

Gets process data from report table

getReportWorkflowProcessInstance

```
public org.joget.report.model.ReportWorkflowProcessInstance getReportWorkflowProcessInstance(java.lang.
String processInstanceId)
```

Gets process instance data from report table

getReportWorkflowProcessInstanceList

```
public java.util.Collection<org.joget.report.model.ReportWorkflowProcessInstance>
getReportWorkflowProcessInstanceList(java.lang.String appId, java.lang.String appVersion, java.lang.String
processDefId, java.lang.String sort, java.lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves list of process instances from report table

getReportWorkflowProcessInstanceListSize

```
public long getReportWorkflowProcessInstanceListSize(java.lang.String appId, java.lang.String appVersion,
java.lang.String processDefId)
```

Retrieves the number of process instances from report table

getReportWorkflowProcessList

```
public java.util.Collection<org.joget.report.model.ReportWorkflowProcess> getReportWorkflowProcessList(java.lang.String appId, java.lang.String appVersion, java.lang.String sort, java.lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves list of processes from report table

getReportWorkflowProcessListSize

```
public long getReportWorkflowProcessListSize(java.lang.String appId, java.lang.String appVersion)
```

Retrieves the number of processes from report table

getWorkflowActivitySlaReport

```
public java.util.Collection<org.joget.report.model.ReportRow> getWorkflowActivitySlaReport(java.lang.String appId, java.lang.String appVersion, java.lang.String processDefId, java.lang.String sort, java.lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves an activity SLA report

getWorkflowProcessSlaReport

```
public java.util.Collection<org.joget.report.model.ReportRow> getWorkflowProcessSlaReport(java.lang.String appId, java.lang.String appVersion, java.lang.String sort, java.lang.Boolean desc, java.lang.Integer start, java.lang.Integer rows)
```

Retrieves a process SLA report

saveReportWorkflowActivityInstance

```
public java.lang.Boolean saveReportWorkflowActivityInstance(ReportWorkflowActivityInstance workflowActivityInstance)
```

Save an activity instance data to report table

saveReportWorkflowProcessInstance

```
public java.lang.Boolean saveReportWorkflowProcessInstance(ReportWorkflowProcessInstance workflowProcessInstance)
```

Save a process instance data to report table