

# BIRT API Change Control Document

BIRT API Change Control Document .....	1
1. Introduction .....	1
2. Changed APIs:.....	1
3. Added APIs: .....	1
4. Removed APIs:.....	2
5. Miscellaneous Change Requests .....	3

## 1. Introduction

Add new interface `IReportEngine.getEmitterInfo()`, which can be used to get information of the all the BIRT report emitter.

## 2. Changed APIs:

None

## 3. Added APIs:

### 3.1 Name : `IReportEngine`

Component name : `org.eclipse.birt.report.engine`

Package name : `org.eclipse.birt.report.engine.api`

Change Request:

#### 1. Add method:

`EmitterInfo[] getEmitterInfo ( )`

Return information of all the BIRT report emitters, including:

- String format
- String id(emitter id)
- String pagination
- String mimeType
- String icon(the resource path of the emitter icon)
- String namespace(bundle id)

### 3.2 Name : EmitterInfo

Component name : org.eclipse.birt.report.engine

Package name : org.eclipse.birt.report.engine.api

Change Request:

1. Add method:

**String getNamespace()**

Return the namespace(bundle id) of the emitter bundle.

2. Add method:

**String getIcon()**

Return the icon path in the resource folder of the emitter bundle.

3. Add method:

**String getFormat()**

Return the output format of the emitter.

4. Add method:

**String getId()**

Return the emitter id of the emitter.

5. Add method:

**String getMimeType()**

Return the mime-type of the emitter.

6. Add method:

**String getPagination()**

Return the pagination of the emitter bundle.

7. Add method:

**String getEmitter()**

Return the emitter.

**Proposed Solution:**

According resolving **bug 159074**.

BIRT contributor can contribute their own report emitter followed the emitter extension. In order to display there own emitter icon contributed, add a new API named IReportEngine.getEmitterInfo() to get the necessary information of the emitter.

## 4. Removed APIs:

None

## 5. Miscellaneous Change Requests

None.