

# BIRT API Change Control Document

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## 1. Introduction

Add interface ITOCTree which represents a TOC tree with specified format("html", "pdf", etc.) and locale. Through this tree, user can get the TOCNode tree in which all the TOC nodes are visible under the specified format (no visibility rule is defined to hide the item related with the node) and are localized with the specified locale.

Add API into IReportDocument to get TOC tree which is an implementation of ITOCTree.

## 2. Changed APIs:

None.

## 3. Added APIs:

### 3.1 Name : IReportDocument

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

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

**Change Request:**

#### 1. Add method:

**public ITOCTree getTOCTree( String format, ULocale locale );**

Get ITOCTree under the specified format and localized by the locale.

**Proposed Solution:**

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### 3.2 Name : ITOCTree

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

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

#### Change Request:

Add this interface which includes following methods:

1. `public TOCNode findTOC( String tocID );`

Find the root of a TOCNode tree which has the specified TOC node ID.

2. `public TOCNode findTOCByValue( Object value );`

Find the root of a TOCNode tree which has the specified TOC node value.

3. `public TOCNode getRoot( Object value );`

Find the root of the whole TOCNode tree.

#### Proposed Solution:

### 4. Removed APIs:

None.

### 5. Miscellaneous Change Requests

None.