

BIRT API Change Control Document

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1. Introduction

Add API into IReportDocument to get TOC node tree under some special format.

When a report item is hidden, the respective TOC node should also be hidden. So TOC node tree under some special format should be reorganized to remove nodes which are hidden. Since groups are represented by a special form in TOC node tree, they are processed specially.

In TOC node tree, group is represented by a child TOC node tree. The root of the tree is the first child of the group, other children of the group are children of the root(the first child).

- 1st child
- 2nd child
- 3rd child
-

If the first child is hidden under the specified format (html, e.g.), then the tree should be reorganized to replace the root by the first child of the group which is not hidden under the format and other children which are not hidden should become children of the new root.

For example, given original group tree as following:

- 1st child (hidden)
- 2nd child (display)
- 3rd child (display)
-

After reorganization, the tree will become:

- 2nd child
- 3rd child
-

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 void getTOCTree( String format );
```

Get TOC tree under a format.

Proposed Solution:

4. Removed APIs:

None.

5. Miscellaneous Change Requests

None.