Cookbook and Recipe Data Map

Software Team, James Oatley

Document Control

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1.0	M. Holland	Unknown	All	N/A
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Contents

1 CookBook and Recipe Data Map

1.1 Table

Class	Extends	Attribute	Data Type or object Type
CookBook	-	name	String
		recipes	ArrayList<Recipe>
		bookLength	int
Recipe	-	info	Info
		defaults	Defaults
		slides	ArrayList<Slide>
Defaults	-	backgroundColor	String
		font	String
		fontSize	String
		fontColor	String
		lineColor	String
		fillColor	String
Info	-	author	String
		version	String
		comment	String
		width	int
		height	int
Slide	-	ID	String
		duration	int
		lastSlide	Boolean
		content	Content
Content	-	xStart	int
		yStart	int
		layer	int
		startTime	int
		duration	int
		width	int
		height	int
		urlName	String
		loop	Boolean
		texts	ArrayList<Text>
		shapes	ArrayList<Shape>
		audios	ArrayList<Audio>
		images	ArrayList<Image>
		videos	ArrayList<Video>
Text	Content	xEnd	int
		yEnd	int
		font	String
		fontSize	String
		fontColor	String
		textBody	ArrayList<TextString>

TextString	-	bold	Boolean
		italic	Boolean
		underline	Boolean
		text	String
Shape	Content	totalPoints	int
		points	ArrayList<int[]>
		fillcolor	String
		lineColor	String
Audio	Content	-	-
Image	Content	-	-
Video	Content	playTime	int

1.2 Example Usage: Accessing Data

If you want to get the author of the first recipe in the 'soup' cookbook:

```
author = soup.getRecipe(0).info.getAuthor();
```

If you want to get the total duration of the slides in a recipe:

```
for (int i=0; i<recipe.getNumberOfSlides(); i++) {
        totalDuration += recipe.slides.get(i).getDuration();
}
```

If you want to get the number of video elements on the last slide of a recipe:

```
numberOfVideos =
recipe.getSlide((recipe.getNumberOfSlides()-1)).content.getNumberOfVideos();
```