

Brock Butler Class Design Document
CD–TOUR05 TOURINFO Class
Date Created: 03/01/2013
Version: 1.1

Revision History

Date	Version	Change	Author
02/12/2013	1.0	Initial Draft	Taras Mychaskiw
03/01/2013	1.1	Revision 1	Taras Mychaskiw

Description

Holds all the information needed by all of the **TourNode** classes. Knows about the current node, the history of the tour, and has references to layouts and buttons for updating the screen.

Class Variables

- **RelativeLayout rl;**
 - the background of this layout is changed at each node
- **ImageButton[] buttons;**
 - the buttons whose **onClick()** needs to be redefined at each node
- **int arrows[];**
 - holds the resource id's of the arrow images
- **Context context;**
 - the application context, for use by **Toast**
- **TourNode current;**
 - the current node the tour is at
- **Stack<TourNode> history;**
 - history of all visited nodes

Constructors

- **public TourInfo(RelativeLayout, ImageButton[], Context);**
 - creates the **TourInfo** with references to the layout, buttons, and context.

Class Responsibility Collaboration Card

Responsibilities	Collaborators
Knows where to paint the images to	
Knows the buttons that change the user's position in the tour	
Knows which node the tour is currently at	
Knows the entire history of the tour	

Class Design Sign-off

Name	Approval Status
Matthew Menonkariyll	
James Grisdale	
Taras Mychaskiw	