

Brock Butler Class Design Document
CD-TOUR01 TOURHANDLER Class
Date Created: 02/26/2013
Version: 1.0

Revision History

| Date | Version | Change | Author |
|------------|---------|---------------|-----------------|
| 02/26/2013 | 1.0 | Initial Draft | Taras Mychaskiw |
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Description

Main interface and workhorse for the tour.

Class Variables

- **TourNode[] nodes;**
 - references to all nodes in the tour
- **final int numImages;**
 - the total number of nodes in the tour
- **TourInfo info;**
 - holds all the information about the current state of the tour, so references to the interface, the history and the current node

Methods

- **void initNodes();**
 - initializes **nodes**, all nodes of the tour
- **void onBackPressed();**
 - returns the tour to the previously visited node
- **void turnAround();**
 - goes to the node that is logically turning around
- **void teleport();**
 - goes to a block that the user specifies

Class Responsibility Collaboration Card

| Responsibilities | Collaborators |
|--|---------------|
| Knows about all of the nodes in the tour | TourNode |
| Handles the user interface | TourInfo |
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Class Design Sign-off

| Name | Approval Status |
|----------------------|-----------------|
| Matthew Menonkariyil | |
| James Grisdale | |
| Taras Mychaskiw | |