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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV PACKAGE**](http://docs.google.com/cmsc131Utilities/package-summary.html)   NEXT PACKAGE | [**FRAMES**](http://docs.google.com/index.html?fishPond/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package fishPond

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| **Class Summary** | |
| [**Controller**](http://docs.google.com/fishPond/Controller.html) | THIS CLASS IS IMPLEMENTED FOR YOU -- DO NOT MODIFY IT! |
| [**Fish**](http://docs.google.com/fishPond/Fish.html) | The state of a fish consists of its position in the pond (row and column), it's size, and the direction in which it is moving (UP, DOWN, LEFT, or RIGHT). |
| [**Model**](http://docs.google.com/fishPond/Model.html) | Model for the Fish Pond Simulation. |
| [**Plant**](http://docs.google.com/fishPond/Plant.html) | The state of a plant includes it's position (row and column) and it's size. |
| [**PublicTests**](http://docs.google.com/fishPond/PublicTests.html) | Here we provide a couple of simple tests so that you can see how you might write them on your own. |
| [**View**](http://docs.google.com/fishPond/View.html) | THIS CLASS HAS BEEN WRITTEN FOR YOU -- DO NOT MODIFY IT! |

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| **Exception Summary** | |
| [**IllegalFishDirectionException**](http://docs.google.com/fishPond/IllegalFishDirectionException.html) | Thrown when a fish's direction is not set to one of the four static constants (Fish.UP, Fish.DOWN, Fish.LEFT, Fish.RIGHT). |
| [**IllegalFishPositionException**](http://docs.google.com/fishPond/IllegalFishPositionException.html) | Thrown when a fish is positioned in a way that doesn't make sense (either above another fish, or over a rock.) |
| [**IllegalPlantPositionException**](http://docs.google.com/fishPond/IllegalPlantPositionException.html) | Thrown when a plant is positioned in a way that doesn't make sense (either above another plant, or over a rock.) |
| [**IllegalPondSizeException**](http://docs.google.com/fishPond/IllegalPondSizeException.html) | Thrown when someone tries to construct a Pond that is just too small! |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | |  |
| [**PREV PACKAGE**](http://docs.google.com/cmsc131Utilities/package-summary.html)   NEXT PACKAGE | [**FRAMES**](http://docs.google.com/index.html?fishPond/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

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