**SAVING AND LOADING A PROJECT CLASS OBJECT THROUGH AN ARRAYLIST BY LINE** – CLASS DIAGRAM CREATOR

**KEY OF SYMBOLS TO BE USED WITHIN THE PROJECT FILE:**

|  |  |
| --- | --- |
| **SYMBOL** | **DESCRIPTION** |
| » | Breaks a line into different values |
| ` | Class ArrayList Start |
| ¯ | Class ArrayList End |
| / | Class Data Start |
| \ | Class Data End |
| ‹ | Method Data Indicator |
| › | Variable Data Indicator |
| ¤ | File Start |
| ˘ | File End |
| ¨ | Basic Class Data Indicator |
|  |  |

\*ALL OF THESE VALUES WILL NOT BE ACCEPTED WHEN ENTERED INTO THE DIALOG BOX WHEN RETRIEVING THE NEW PROJECT NAME. THIS AVOIDS CONFUSION FOR THE INPUTSTREAM.

|  |  |  |  |
| --- | --- | --- | --- |
| **VALUES** | **DESCRIPTION** | **VALUES** | **DESCRIPTION** |
| 0 | Byte |  |  |
| 1 | Integer |  |  |
| 2 | Short |  |  |
| 3 | Long |  |  |
| 4 | Float |  |  |
| 5 | Double |  |  |
| 6 | Boolean |  |  |
| 7 | Char |  |  |
| 8 | Public |  |  |
| 9 | Private |  |  |
| 10 | Protected |  |  |

Document Breakdown of a **Project** File (By Line):

|  |  |
| --- | --- |
| **CONTENT DESC. OF LINE** | **BREAKDOWN EXAMPLES OF LINE** |
| *FILE START* | ¤ |
| *PROJECT NAME* | My Project |
| *PROJECT COLOR VALUES* | redValue » greenValue » blueValue |
| *PROJECT DESCRIPTION* | This project is a new project to illustrate the purposes of diagraming a class. |
| *CLASS ARRAYLIST START* | ` |
| *CLASS DATA START* | / |
| *BASIC CLASS DATA* | className » colorR » colorG » colorB |
| *METHOD DATA* | ‹ methodName » returnType » accessModifier |
| *METHOD DATA* | ‹ methodName » returnType » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *CLASS DATA END* | \ |
| *CLASS DATA START* | / |
| *BASIC CLASS DATA* | className » colorR » colorG » colorB |
| *METHOD DATA* | ‹ methodName » returnType » accessModifier |
| *METHOD DATA* | ‹ methodName » returnType » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *VARIABLE DATA* | › variableName » type » accessModifier |
| *CLASS DATA END* | \ |
| *CLASS ARRAYLIST END* | ¯ |
| *FILE END* | ˘ |