

# Setting up Your Environment

## Getting Started

One of the key secrets to learning Java, will be organization. You will have a number of files to keep track of, and starting out by organizing your environment will pay big dividends in the long run. It is suggested you create a single folder to act as root for these files, the suggested folder is: **C:\JavaImmersion**. Please note; a folder with a space in the name (i.e. “Documents and Settings”) will cause a number of problems including building web URLs, and is not recommend.

## Eclipse Workspace

You will need a folder to hold your code, this is an Eclipse Workspace. It is suggested you create a folder **C:\JavaImmersion\Workspace**. When Eclipse is opened for the first time it will ask for the location of your workspace, or if desired, after Eclipse is opened the workspace can be selected via: **File → Switch Workspace**.

## File Downloads

During class there will be a number of times you will download code from the Instructor or from the Internet. It is suggested you create a folder to hold these files, **C:\JavaImmersion\Downloads**.

## Project Files

During class you will design, code and test a number of components for the Immersion project. It is suggested you create a folder to hold your project design notes and files, **C:\JavaImmersion\Project**.

## Immersion Documents

The Instructor will provide a number of PDFs and other documents pertaining to the Java Immersion program (including this document). It is recommended you create a **C:\JavaImmersion\Documents** folder to hold these documents.

## **Projects within Eclipse**

Eclipse is organized into projects, an Eclipse project is a folder within the Eclipse Workspace, but that folder is managed by Eclipse, and must be built from within Eclipse. During the Immersion program a number of utility projects will be created to organize your workspace. The Instructor will provide guidance during the creation of these utility projects.

## **Log Files**

Your application will include log statements. Creating a central location for the log records will make it easier to examine application behavior, it is suggested you create a Project within Eclipse to hold these Log records. To create this Log Project within Eclipse: **File** → **New** → **Project** → **General** → **Project**. Name the Project **Log**. Your Instructor will provide examples of log statements and log configuration.