# Forerunner SDK Readme

## Getting Started

If you are new to the Forerunner SDK we recommend you work your way through the Getting Started sample found here:

<http://forerunnersw.com/home/samples?Sample=GettingStarted>

This sample includes everything you need to know to install a trial version of Mobilizer right up to having your own running web application with a report page.

## How to Update to a New Version of the SDK

You will, at some point, want to update your web application to a new version of the Forerunner SDK. You should take a little care when setting up your application so that this is as painless as possible. Here are the recommended best practices:

* Copy the “Forerunner” folder from your installed Mobilizer install folder into your project
  + Carefully document changes to any files you make in this folder. When you upgrade you will need to merge your changes into the new files
* Copy the files from the “sdk” folder into your project. You may need to change these files depending upon your needs.
  + Carefully document changes to any files you make in this folder. When you upgrade you will need to merge your changes into the new files
* Copy the “Custom” folder from your installed Mobilizer install folder into your project
  + Carefully document changes to any files you make in this folder. When you upgrade you will need to merge your changes into the new files
* Copy the following files from the installed bin folder into your project bin folder:
  + Forerunner.Json.dll
  + Forerunner.SQLReporting.dll
  + PdfSharp.dll

You will need to add references to these new assembly files

## Version 3

When upgrading to version 3 you will need to add the following new javascript references to your application:

* jstree.js
* FRmaphilight.js

In the getting started sample the file: "\_ReportLayout.cshtml", contains the references to depended scripts. If your application uses the same file to reference scripts, add these line:

<script type="text/javascript" src="~/Forerunner/Lib/jsTree/jstree.js"></script>

<script type="text/javascript" src="~/Forerunner/Lib/misc/js/jquery.FRmaphilight.js"></script>

just before the line:

<script type="text/javascript" src="~/Forerunner/Lib/jQuery/js/jquery-ui-1.10.3.forerunner.js"></script>

## ReportManagerController.cs

In some rare cases you may not want to use the standard Mobilizer endpoints defined in the Report Manager Controller. This may be the case if you don’t want forerunner SDK to read / write forerunner specific data into the Report Server DB.

So assuming you are only using the Forerunner “reportViewerEZ“and not the “reportExplorerEZ” widget. You will still need to provide an implementation for the report manager endpoints because some of these endpoints are used by “reportViewerEZ”. One example of this it the GetMobilizerSettings endpoint.

A new compiler symbol has been defined at the top of ReportManagerController.cs named MOBILIZER\_ENDPOINT.

If you comment out the line:

//#define MOBILIZER\_ENDPOINT

You will get generic (do nothing) implementations for all the report manager endpoints. You may want to implement select endpoints yourself such as get and save thumbnail. It is recommended you put your implementations into this file and carefully comment your changes so that future upgrades are made as easy as possible.