



# ACKNOWLEDGEMENT AND LICENSE DOCUMENT

8/23/2013

Graduate Capstone



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# 1 Introduction

This document is to provide acknowledgement of individuals who had a part in the project. Both to those who gave input or simply supported me through the entire process. Also, mentions to third-party software that was used or inspired any part of the project.

## 1.1 Indented Audience

This document is intended for anyone, specifically persons seeking lists of the credits of the project.

## 1.2 References

- [http://webhelp.esri.com/arcims/9.3/java/arcgis93\\_acknowledgements.pdf](http://webhelp.esri.com/arcims/9.3/java/arcgis93_acknowledgements.pdf)
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## 1.3 Revision History

Managing the change history of this document will occur in this table.

Name	Date	Reason For Change	Version
Andy Bottom	05/28/2013	Started the format of the document and couple credits	0.1
Andy Bottom	08/22/2013	Finished the acknowledgement document	1.0



## 2 General Acknowledgements

My Capstone project has been a large effort and would not have been possible without many people supporting and guidance.

I would like to express my deepest gratitude to my advisor, Dr. Chenglie Hu for the excellent guidance throughout my college career and put me on a path of success to not only complete my Bachelor's Degree, but to have the opportunity to enroll in Graduate School and earn my Master's Degree.

In addition to Dr. Hu, I would also like to thank the rest of the Computer Science faculty, especially Dr. Gerald Isaacs, Michael Konemann, and Crispian Sievenpiper. Through their teachings, I have not only improved and learned new skills, but have gained a profound appreciation for the field of computer science.

I would like to say a special thanks all my closest and dearest friends, (you know who you are.) Whether it is brainstorming and bouncing ideas around, listening to my ramblings, or simply enjoying our company. I am indeed blest to have such true friends.

I would like to thank my dearest Sonya. You have truly been a blessing to me. With your love and care, I have grown and become a better person thanks to you. I've enjoyed our past years, going through undergraduate and graduate school together and I look forward to all the years to come.

Thanks to my two Grandmas, Matilda Bottom and Kathleen Zybleski. You have given me much support throughout my life and am truly thankful to have you in my life.

Lastly, to my family: my parents Ernie Bottom and Julie Bottom, and my sister Abbie Bottom. Through my years, you have instilled morals in me, and to always do what is right. I've also learned to do my best and I am truly blest to have such a loving and caring family. Thank you.





### 3 Third Party Acknowledgements

In the following section, information about code or tutorials that were used or inspired code in my project are acknowledge. In addition, and open source libraries, code, or platforms that were also utilized or were a dependency of the system are also acknowledge. This is to give full credit to those companies and individuals for all their work that provide great assistance.



## 3.1 Java Proxy Pattern – Caching proxy Project

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I used this post and code as a starting point to implement the caching ability into the reverse proxy server.

### 3.1.1 Credit

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Name	Nico Giangregorio
E-mail	<a href="mailto:nicogorio@gmail.com">nicogorio@gmail.com</a>
Website	<a href="http://nicogiangregorio.blogspot.com/">http://nicogiangregorio.blogspot.com/</a>

### 3.1.2 Services

---

- Blog
- Tutorial
- Code Snippets

## 3.2 BTI360

---

I had a lot of trouble setting up RESTful Services using Netbeans. Their screencast and project code had a major part in me finally getting my RESTful Web Services up and running.

### 3.2.1 Credit

---

Company Name	BTI360
E-mail	<a href="mailto:solutions@bti360.com">solutions@bti360.com</a>
Website	<a href="http://www.bti360.com/">http://www.bti360.com/</a>

### 3.2.2 Services

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- Tutorials
- Screencasts
- Code Snippets



### 3.3 MVVM Cross

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When I was looking into how to develop an application for the phone, I had to look for a lot of helps and examples. Stuart's very active support in the Xamarin community was an immensely helpful resource. He was also the individual to mention the idea to use Model-View-ViewModel as a design pattern. In addition to providing a large amount of tutorials and screencasts, I picked up on a lot and allowed me to begin development even faster. Altogether, Stuart was a huge help to me during the development of the phone application.

#### 3.3.1 Credit

---

Name	Stuart Lodge
Twitter	@slodge
Website	<a href="http://slodge.blogspot.com/">http://slodge.blogspot.com/</a>

#### 3.3.2 Services

---

- Tutorials
- Screencasts
- Code Snippets
- Open Source Code
- Forums Help



## 3.4 MVVM Cross

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The MVVM Cross is an open source library that I utilized to obtain functionality that allowed me to have the PCL send and receive data from the Restful Services.

### 3.4.1 Credit

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Name	Stuart Lodge
Github Website	<a href="https://github.com/slodge/MvvmCross">https://github.com/slodge/MvvmCross</a>

### 3.4.2 License Info

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#### *Excerpt from Readme File*

MvvmCross v3

This project provides a cross-platform mvvm mobile development framework built on top of:

- Silverlight for WP7, WP8
- Mono for Android (or Xamarin.Android)
- MonoTouch for iOS (or Xamarin.iOS)
- the WinRT XAML framework for Windows 8 Store apps.
- WPF
- Mono for Mac (or Xamarin.Mac)

This project makes extensive use of Portable Class Libraries to provide maintainable cross platform C# native applications.





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## 3.5 JSON.net

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The library JSON.net was utilized with the PCL to more easily convert objects to and from JSON format so that it could then be used for the web services.

### 3.5.1 Credit

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Website	<a href="http://json.codeplex.com/">http://json.codeplex.com/</a>
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### 3.5.2 License

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#### **The MIT License (MIT)**

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## 3.6 jQuery

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jQuery is a JavaScript library that I utilized to improve the user experience of the Web Admin CMS. Specifically the collapsing dropdown menus are implemented via jQuery.

### 3.6.1 Credit

---

Company	The jQuery Foundation
Website	<a href="https://jquery.org/">https://jquery.org/</a>

### 3.6.2 License

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<http://jquery.com/>

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## 3.7 Selenium

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Selenium is the library used to perform the Web Driver Automated process.

### 3.7.1 Credit

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Company	Selenium Developers Group
Website	<a href="http://www.seleniumhq.org/">http://www.seleniumhq.org/</a>

### 3.7.2 License

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*Excerpt from Readme File*

All Selenium projects are licensed under the Apache 2.0 License.



## 3.8 Xamarin

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Xamarin is the framework used to develop a cross platform application for Android and Windows Mobile Phones.

### 3.8.1 Credit

---

Company	Xamarin Inc.
Website	<a href="http://xamarin.com/">http://xamarin.com/</a>

### 3.8.2 License

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*Excerpt from Readme File*

#### Commercial Mono Licensing

Mono is an open source project. The Mono virtual machine is licensed under the [LGPLv2 license](#). This license places a number of restrictions on the use of Mono.



## 3.9 Tek271 Reverse Proxy Server

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This project was used as a major starting point to create the reverse proxy server. Most of the original code is still implemented, just implemented a better caching ability for the pages.

### 3.9.1 Credit

---

Name	Abdul Habra
E-mail	<a href="mailto:ahabra@yahoo.com">ahabra@yahoo.com</a>
Website	<a href="http://www.tek271.com/">http://www.tek271.com/</a>

### 3.9.2 License Info

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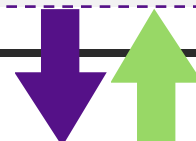
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*Excerpt from Readme File*

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[ahabra@yahoo.com](mailto:ahabra@yahoo.com)

*Excerpt from Code Snippets*

```
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 */
```



## 3.10 Android OS

---

The Android Operating System is an open source project. I wrote code that was developed for the android os.

### 3.10.1 Credit

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Company Name	Google
Website	<a href="http://www.android.com/">http://www.android.com/</a>

### 3.10.2 License Info

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## 3.11 Drawer Sample

The drawer sample was used as a reference point that I used to build off of to implement a sliding drawer in the Android Application. Because the drawer was not native in the versions of android that I was using, this open source drawer allowed me to have the key element and still target older versions of android os.

### 3.11.1 Credit

Name	Tomasz Cielecki
E-mail	tomasz@ostebaronen.dk
Website	<a href="http://ostebaronen.dk/">http://ostebaronen.dk/</a>
GitHub	<a href="https://github.com/Cheesebaron">https://github.com/Cheesebaron</a>

### 3.11.2 License Info

#### DrawerSample

=====

A couple of samples showing the Drawer Navigation pattern and the SlidingPane Layout recently added in the Support packages.

The [Drawer Navigation sample](<http://developer.android.com/training/implementing-navigation/nav-drawer.html>) is ported from the original documentation.

The SlidingPane Layout sample is ported from [this sample repository](<https://github.com/mastro/android-support-library-archive/blob/master/samples/Support4Demos/src/com/example/android/support-v4/widget/SlidingPaneLayoutActivity.java>).

#### License

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Both samples are licensed under the Apache 2.0 license.

