|  |  |  |
| --- | --- | --- |
|  | Acknowledgement And License Document | |
| 8/23/2013 | Graduate Capstone |  |

Table of Contents

[1 Introduction 3](#_Toc364979869)

[1.1 Indented Audience 3](#_Toc364979870)

[1.2 References 3](#_Toc364979871)

[1.3 Revision History 3](#_Toc364979872)

[2 General Acknowledgements 4](#_Toc364979873)

[3 Third Party Acknowledgements 5](#_Toc364979874)

[3.1 Java Proxy Pattern - Caching proxy Project 6](#_Toc364979875)

[3.1.1 Credit 6](#_Toc364979876)

[3.1.2 Services 6](#_Toc364979877)

[3.2 BTI360 6](#_Toc364979878)

[3.2.1 Credit 6](#_Toc364979879)

[3.2.2 Services 6](#_Toc364979880)

[3.3 MVVM Cross 7](#_Toc364979881)

[3.3.1 Credit 7](#_Toc364979882)

[3.3.2 Services 7](#_Toc364979883)

[3.4 MVVM Cross 8](#_Toc364979884)

[3.4.1 Credit 8](#_Toc364979885)

[3.4.2 License Info 8](#_Toc364979886)

[3.5 JSON.net 10](#_Toc364979887)

[3.5.1 Credit 10](#_Toc364979888)

[3.5.2 License 10](#_Toc364979889)

[3.6 jQuery 11](#_Toc364979890)

[3.6.1 Credit 11](#_Toc364979891)

[3.6.2 License 11](#_Toc364979892)

[3.7 Selenium 12](#_Toc364979893)

[3.7.1 Credit 12](#_Toc364979894)

[3.72 License 12](#_Toc364979895)

[3.8 Xamarin 13](#_Toc364979896)

[3.8.1 Credit 13](#_Toc364979897)

[3.8.2 License 13](#_Toc364979898)

[3.9 Tek271 Reverse Proxy Server 14](#_Toc364979899)

[3.9.1 Credit 14](#_Toc364979900)

[3.9.2 License Info 14](#_Toc364979901)

[3.10 Android OS 15](#_Toc364979902)

[3.10.1 Credit 15](#_Toc364979903)

[3.10.2 License Info 15](#_Toc364979904)

[3.11 Drawer Sample 21](#_Toc364979905)

[3.11.1 Credit 21](#_Toc364979906)

[3.11.2 License Info 21](#_Toc364979907)

# 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://ves.vitalimages.com/vital/help/en/pdf/AcknowledgementsCopyrights.pdf>
* <http://www.intermedia.net/legal/Intermedia-SecuriSync-Open-Source-Notice-File.pdf>

## 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

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

### 3.1.1 Credit

|  |  |
| --- | --- |
| Name | [Nico Giangregorio](http://www.blogger.com/profile/16449194798334473353) |
| E-mail | [nicogorio@gmail.com](mailto:nicogorio@gmail.com) |
| Website | <http://nicogiangregorio.blogspot.com/> |

### 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 | [solutions@bti360.com](mailto:solutions@barlowtechnologies.com) |
| Website | <http://www.bti360.com/> |

### 3.2.2 Services

* Tutorials
* Screencasts
* Code Snippets

## 3.3 MVVM Cross

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](http://www.blogger.com/profile/16449194798334473353) Lodge |
| Twitter | @slodge |
| Website | <http://slodge.blogspot.com/> |

### 3.3.2 Services

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

## 3.4 MVVM Cross

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

|  |  |
| --- | --- |
| Name | Stuart Lodge |
| Github Website | <https://github.com/slodge/MvvmCross> |

### 3.4.2 License Info

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.

**Microsoft Public License (MS-PL)**

This license governs use of the accompanying software. If you use the software, you  
accept this license. If you do not accept the license, do not use the software.

1. Definitions  
The terms "reproduce," "reproduction," "derivative works," and "distribution" have the  
same meaning here as under U.S. copyright law.  
A "contribution" is the original software, or any additions or changes to the software.  
A "contributor" is any person that distributes its contribution under this license.  
"Licensed patents" are a contributor's patent claims that read directly on its contribution.

2. Grant of Rights  
(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.  
(B) Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations  
(A) No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.  
(B) If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.  
(C) If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution notices that are present in the software.  
(D) If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.  
(E) The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

## 3.5 JSON.net

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

|  |  |
| --- | --- |
| Website | <http://json.codeplex.com/> |

### 3.5.2 License

**The MIT License (MIT)**

Copyright (c) 2007 James Newton-King  
  
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:  
  
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.  
  
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 3.6 jQuery

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 | <https://jquery.org/> |

### 3.6.2 License

**The MIT License (MIT)**

Copyright 2013 jQuery Foundation and other contributors

http://jquery.com/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 3.7 Selenium

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

### 3.7.1 Credit

|  |  |
| --- | --- |
| Company | Selenium Developers Group |
| Website | <http://www.seleniumhq.org/> |

### 3.72 License

Excerpt from Readme File

All Selenium projects are licensed under the Apache 2.0 License.

## 3.8 Xamarin

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 | <http://xamarin.com/> |

### 3.8.2 License

Excerpt from Readme File

**Commercial Mono Licensing**

Mono is an open source project. The Mono virtual machine is licensed under the  
[LGPLv2 license](http://www.gnu.org/licenses/lgpl-2.1.html). This license places a number of restrictions on the use of Mono.

## 3.9 Tek271 Reverse Proxy Server

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 | [ahabra@yahoo.com](mailto:ahabra@yahoo.com) |
| Website | <http://www.tek271.com/> |

### 3.9.2 License Info

GNU Lesser General Public License (LGPL)

Excerpt from Readme File

This program uses GNU LGPL.

Copyright © Abdul Habra 2011

ahabra@yahoo.com

Excerpt from Code Snippets

/\*

\* This file is part of Tek271 Reverse Proxy Server.

\*

\* Tek271 Reverse Proxy Server is free software: you can redistribute it and/or modify

\* it under the terms of the GNU Lesser General Public License as published by

\* the Free Software Foundation, either version 3 of the License, or

\* (at your option) any later version.

\*

\* Tek271 Reverse Proxy Server is distributed in the hope that it will be useful,

\* but WITHOUT ANY WARRANTY; without even the implied warranty of

\* MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the

\* GNU Lesser General Public License for more details.

\*

\* You should have received a copy of the GNU Lesser General Public License

\* along with Tek271 Reverse Proxy Server. If not, see http://www.gnu.org/licenses/

\*/

## 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

|  |  |
| --- | --- |
| Company Name | Google |
| Website | <http://www.android.com/> |

### 3.10.2 License Info

(continued)

Copyright (c) 2005-2008, The Android Open Source Project

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

(continued)

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical

transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation,

and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work

(an example is provided in the Appendix below).

(continued)

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes

of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions

to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent

to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the

Licensor for the purpose of discussing and improving the Work, but

excluding communication that is conspicuously marked or otherwise

designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity

on behalf of whom a Contribution has been received by Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable

copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute the

Work and such Derivative Works in Source or Object form.

(continued)

3. Grant of Patent License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable

by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s)

with the Work to which such Contribution(s) was submitted. If You

institute patent litigation against any entity (including a

cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct

or contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate

as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without

modifications, and in Source or Object form, provided that You

meet the following conditions:

(a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of

the Derivative Works; and

(continued)

(d) If the Work includes a "NOTICE" text file as part of its

distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained

within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one

of the following places: within a NOTICE text file distributed

as part of the Derivative Works; within the Source form or

documentation, if provided along with the Derivative Works; or,

within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and

do not modify the License. You may add Your own attribution

notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed

as modifying the License.

You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or

for any such Derivative Works as a whole, provided Your use,

reproduction, and distribution of the Work otherwise complies with

the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,

any Contribution intentionally submitted for inclusion in the Work

by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify

the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade

names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A

PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a

result of this License or out of the use or inability to use the

Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all

other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing

the Work or Derivative Works thereof, You may choose to offer,

and charge a fee for, acceptance of support, warranty, indemnity,

or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only

on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify,

defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

## 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](mailto:tomasz@ostebaronen.dk) |
| Website | <http://ostebaronen.dk/> |
| GitHub | <https://github.com/Cheesebaron> |

### 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/supportv4/widget/SlidingPaneLayoutActivity.java).

License

-------

Both samples are licensed under the Apache 2.0 license.