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eMap – Adding On-Demand Geocoding to a Custom Entity

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## **Step 1 – Export the entity that the On-Demand button is to be installed on**

- Go to Settings -> Customizations -> Solutions
- Create a New solution, using something like the following:

🤌 Solu	tion: On-Demand fo	r My Custom Entity - Microsoft Dynam	ics CRM - Window	s Internet Explorer	- 🗆 🗙
File 🛃 🛃 Save and Close	e 🎯   🌄 Export Solu	tion 📔 🔊 Import Translations 📔 🚉 Export Tra	anslations 📔 🚺 Publis	h All Customizations 🛛 👈 Actions 👻	Ø Help +
Solution: On-Demand for My Custom Entity           Information					
Solution: On-Demand for My Cu  Information  Components  Components  Components  Client Extensions  Processes  Plug-in Assemblies  Sdk Message Processin  Sdk Message Processin  Service Endpoints  Dashboards  Reports  Connection Roles  Article Templates  Article Templates  Contract Templates  Security Roles  Field Security Profiles	General Display Name* Publisher* Version* Description	On-Demand for My Custom Entity Default Publisher for emap 1.0.0.0	Name * Configuration Page	OnDemandforMyCustomEntity	
Installation Details					
http://crm2011-dev1/emap/tools/solution/edit.aspx?id=f366d014-d5df-e211-b3cd-00155d7b6c01&fromSave=True#					🔍 100% 🔻 🔐

The solution name, publisher and version don't really matter for our purposes.

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 Add the entity you wish to install your On-Demand button on (Components -> Add Existing -> Entity):

🧉 Solut	ion: On-Demand for My Custom Enti	ty - Microsoft Dynamics	s CRM - Windows Inter	net Explorer	- 🗆 🗙
File 🛃 🛃 Save and Close 🎒   🌄 Export Solution   📓 Import Translations   🗟 Export Translations   🚺 Publish All Customizations 📩 Actions 🗸 💿 Help 🗸					
Solution: On-Demand for My Custom Entity The second sec					
Solution: On-Demand for My Cu	Component Type Entity	✓ v	iew Customizable		~
Information Components	Image: Second	Remove 🛛 🏠 Publish	Show Dependencies	📑 Add Required C	omponents
Option Sets	Display Name	Name	Schema Name	State	Customizable 💈
<ul> <li>Client Extensions</li> <li>Web Resources</li> <li>Processes</li> <li>Plug-in Assemblies</li> <li>Sdk Message Processin</li> <li>Service Endpoints</li> <li>Dashboards</li> <li>Reports</li> <li>Connection Roles</li> <li>Article Templates</li> <li>Contract Templates</li> <li>E-mail Templates</li> <li>Seruity Profiles</li> <li>Sield Security Profiles</li> </ul>	My Custom Entity	new_mycustomentity	new_mycustomentity	Unmanaged	True
	<				>
	1 - 1 of 1 (0 selected)				I ◀ Page 1 ►
Status: Existing					
					🔍 100% 🔻 🔡

- Export the solution click next, next, export leaving all options default.
- Save the solution zip file somewhere accessible.

### **Step 2 – Extract the solution contents**

•	Extract the resulting	.zip file to a n	lew folder. You sh	hould now have	three xml files:
	Excluder the resulting	.21p me to u m	10101010101010101		thi cc Ann mes

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File Home Sha	are View			^ 🕐
Copy Paste s	path shortcut Nove Copy to v to v	New item ▼ → Easy access ▼ folder	Properties Open *	Select all Select none
	Organize	New Sector	Open	Select
🐑 🔿 🔺 T 📕 🕨	Libraries   Documents   OnDemandforM	yCustomEntity_1_0_0_0	v ♂ Search	n OnDemandforMyCust 🔎
🔶 Favorites	Name	Date modified	Туре	Size
Desktop	[Content_Types].xml	28/06/2013 10:30	XML File	1 KB
🔛 Recent places	customizations.xml	28/06/2013 10:30	XML File	79 KB
🐔 SkyDrive	solution.xml	28/06/2013 10:30	XML File	5 KB
🗼 Downloads				
🥽 Libraries				
Documents				
J Music				
Pictures				
Videos 😸				
Local Disk (C:)				
Data (D:) 3 items	~			



- Open customizations.xml in your favourite text editor.
- Because we only want to change the entity ribbon settings, we can delete the EntityInfo, FormXml and SavedQueries XML nodes. This means deleting everything inside and including the <EntityInfo>...</EntityInfo>, <FormXml>...</FormXml> and <SavedQueries>...</SavedQueries> tags.
- We can also clear out the EntityRelationships node, as we don't need to change anything there.
- Your customizations.xml file should now look something like the following:

```
<ImportExportXml xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Entities>
    <Entity>
      <Name LocalizedName="My Custom Entity" OriginalName="My Custom
Entity">new mycustomentity</Name>
      <ObjectTypeCode>10002</ObjectTypeCode>
      <RibbonDiffXml>
        <CustomActions />
        <Templates>
          <RibbonTemplates Id="Mscrm.Templates"></RibbonTemplates>
        </Templates>
        <CommandDefinitions />
        <RuleDefinitions>
          <TabDisplayRules />
          <DisplayRules />
          <EnableRules />
        </RuleDefinitions>
        <LocLabels />
      </RibbonDiffXml>
    </Entity>
  </Entities>
  <Roles></Roles>
  <Workflows></Workflows>
  <FieldSecurityProfiles></FieldSecurityProfiles>
  <Templates />
  <EntityMaps />
  <OrganizationSettings />
  <optionsets />
  <Languages>
    <Language>1033</Language>
  </Languages>
</ImportExportXml>
```





# Step 3 – Inserting and changing the On-Demand Ribbon XML

• Here is the XML required for the On-Demand Geocoding ribbon button:

```
<RibbonDiffXml>
        <CustomActions>
          <CustomAction
Id="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding.CustomAction"
Location="Mscrm.Form.#EntityName#.MainTab.Groups._children" Sequence="80">
            <CommandUIDefinition>
              <Group Command="Mscrm.Enabled"</pre>
Description="$LocLabels:myce.Mscrm.Form.#EntityName#.MainTab.Geocoding.Title"
Id="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding" Sequence="80"
Template="Mscrm.Templates.3"
Title="$LocLabels:myce.Mscrm.Form.#EntityName#.MainTab.Geocoding.Title">
                <Controls
Id="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding.Controls">
                  <Button Command="myce.#EntityName#.Geocoding.FormCommand"
Id="myce.#EntityName#.Geocoding.FormButton"
Image32by32="$webresource:myce_/images/geocode_large.png"
LabelText="$LocLabels:myce.#EntityName#.Geocoding.FormButton.LabelText" Sequence="20"
TemplateAlias="01"
ToolTipTitle="$LocLabels:myce.#EntityName#.Geocoding.FormButton.ToolTipTitle"
ToolTipDescription="$LocLabels:myce.#EntityName#.Geocoding.FormButton.ToolTipDescripti
on" />
                </Controls>
              </Group>
            </CommandUIDefinition>
          </CustomAction>
          <CustomAction
Id="myce.Mscrm.Form.#EntityName#.MainTab.MaxSize.19.CustomAction"
Location="Mscrm.Form.#EntityName#.MainTab.Scaling. children" Sequence="80">
            <CommandUIDefinition>
              <MaxSize GroupId="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding"
Id="myce.Mscrm.Form.#EntityName#.MainTab.MaxSize.19" Sequence="80" Size="Large" />
            </CommandUIDefinition>
          </CustomAction>
          <CustomAction
Id="myce.Mscrm.Form.#EntityName#.MainTab.Scale.20.CustomAction"
Location="Mscrm.Form.#EntityName#.MainTab.Scaling._children" Sequence="190">
            <CommandUIDefinition>
              <Scale GroupId="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding"
Id="myce.Mscrm.Form.#EntityName#.MainTab.Scale.20" Sequence="190" Size="Popup" />
            </CommandUIDefinition>
          </CustomAction>
          <CustomAction
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding.CustomAction"
Location="Mscrm.HomepageGrid.#EntityName#.MainTab.Groups._children" Sequence="55">
            <CommandUIDefinition>
              <Group Command="Mscrm.Enabled"</pre>
Description="$LocLabels:myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding.Title"
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding" Sequence="55"
Template="Mscrm.Templates.3"
Title="$LocLabels:myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding.Title">
                <Controls
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding.Controls">
                  <Button Command="myce.#EntityName#.Geocoding.GridCommand"</pre>
Id="myce.#EntityName#.Geocoding.GridButton"
```



```
Image32by32="$webresource:myce_/images/geocode_large.png"
LabelText="$LocLabels:myce.#EntityName#.Geocoding.GridButton.LabelText" Sequence="10"
TemplateAlias="o1"
ToolTipTitle="$LocLabels:myce.#EntityName#.Geocoding.GridButton.ToolTipTitle"
ToolTipDescription="$LocLabels:myce.#EntityName#.Geocoding.GridButton.ToolTipDescripti
on" />
                </Controls>
              </Group>
            </CommandUIDefinition>
          </CustomAction>
          <CustomAction
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.MaxSize.18.CustomAction"
Location="Mscrm.HomepageGrid.#EntityName#.MainTab.Scaling._children" Sequence="75">
            <CommandUIDefinition>
              <MaxSize
GroupId="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding"
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.MaxSize.18" Sequence="75"
Size="Large" />
            </CommandUIDefinition>
          </CustomAction>
          <CustomAction
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Scale.19.CustomAction"
Location="Mscrm.HomepageGrid.#EntityName#.MainTab.Scaling._children" Sequence="190">
            <CommandUIDefinition>
              <Scale GroupId="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding"</pre>
Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Scale.19" Sequence="190" Size="Popup"
/>
            </CommandUIDefinition>
          </CustomAction>
        </CustomActions>
        <Templates>
          <RibbonTemplates Id="Mscrm.Templates"></RibbonTemplates>
        </Templates>
        <CommandDefinitions>
          <CommandDefinition Id="myce.#EntityName#.Geocoding.FormCommand">
            <EnableRules>
              <EnableRule Id="myce.#EntityName#.Geocode.Form.EnableRule" />
            </EnableRules>
            <DisplayRules />
            <Actions>
              <JavaScriptFunction FunctionName="Geocode Click"</pre>
Library="$webresource:myce_/emap/odg/scripts/ribbon.js">
                <CrmParameter Value="PrimaryItemIds" />
                <CrmParameter Value="PrimaryEntityTypeName" />
              </JavaScriptFunction>
            </Actions>
          </CommandDefinition>
          <CommandDefinition Id="myce.#EntityName#.Geocoding.GridCommand">
            <FnableRules>
              <EnableRule Id="myce.#EntityName#.Geocode.Grid.EnableRule" />
            </EnableRules>
            <DisplayRules />
            <Actions>
              <JavaScriptFunction FunctionName="Geocode_Click"</pre>
Library="$webresource:myce_/emap/odg/scripts/ribbon.js">
                <CrmParameter Value="SelectedControlSelectedItemIds" />
                <CrmParameter Value="SelectedEntityTypeName" />
              </JavaScriptFunction>
            </Actions>
          </CommandDefinition>
        </CommandDefinitions>
        <RuleDefinitions>
```

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```
<TabDisplayRules />
          <DisplayRules />
          <EnableRules>
            <EnableRule Id="myce.#EntityName#.Geocode.Form.EnableRule">
              <FormStateRule State="Existing" Default="false" InvertResult="false" />
            </EnableRule>
            <EnableRule Id="myce.#EntityName#.Geocode.Grid.EnableRule">
              <SelectionCountRule AppliesTo="SelectedEntity" Minimum="1"</pre>
Default="false" />
            </FnableRule>
          </EnableRules>
        </RuleDefinitions>
        <LocLabels>
          <LocLabel Id="myce.#EntityName#.Geocoding.FormButton.LabelText">
            <Titles>
              <Title description="Geocode" languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.#EntityName#.Geocoding.FormButton.ToolTipDescription">
            <Titles>
              <Title description="Perform a geocode on this entity"
languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.#EntityName#.Geocoding.FormButton.ToolTipTitle">
            <Titles>
              <Title description="Geocode" languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.#EntityName#.Geocoding.GridButton.LabelText">
            <Titles>
              <Title description="Geocode" languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.#EntityName#.Geocoding.GridButton.ToolTipDescription">
            <Titles>
              <Title description="Geocode" languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.#EntityName#.Geocoding.GridButton.ToolTipTitle">
            <Titles>
              <Title description="Perform a geocode on the selected entity(ies)"
languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.Mscrm.Form.#EntityName#.MainTab.Geocoding.Title">
            <Titles>
              <Title description="Geocoding" languagecode="1033" />
            </Titles>
          </LocLabel>
          <LocLabel Id="myce.Mscrm.HomepageGrid.#EntityName#.MainTab.Geocoding.Title">
            <Titles>
              <Title description="Geocoding" languagecode="1033" />
            </Titles>
          </LocLabel>
        </LocLabels>
      </RibbonDiffXml>
```

• You should replace all instances of **#EntityName#** with the system name for your entity, in this case **new\_mycustomentity**.

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 Once the find/replaces are complete, you should copy and paste the On-Demand ribbon XML and replace the <RibbonDiffXml> node in your solution's customizations.xml file. In this example, the final customizations.xml file would look as follows:

```
<ImportExportXml xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Entities>
    <Entity>
      <Name LocalizedName="My Custom Entity" OriginalName="My Custom
Entity">new_mycustomentity</Name>
      <ObjectTypeCode>10002</ObjectTypeCode>
      <RibbonDiffXml>
        <CustomActions>
            <CustomAction
Id="myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding.CustomAction"
Location="Mscrm.Form.new_mycustomentity.MainTab.Groups._children" Sequence="80">
                <CommandUIDefinition>
                    <Group Command="Mscrm.Enabled"</pre>
Description="$LocLabels:myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding.Title"
Id="myce.Mscrm.Form.new mycustomentity.MainTab.Geocoding" Sequence="80"
Template="Mscrm.Templates.3"
Title="$LocLabels:myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding.Title">
                        <Controls
Id="myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding.Controls">
                            < Button
Command="myce.new mycustomentity.Geocoding.FormCommand"
Id="myce.new mycustomentity.Geocoding.FormButton"
Image32by32="$webresource:myce_/images/geocode_large.png"
LabelText="$LocLabels:myce.new mycustomentity.Geocoding.FormButton.LabelText"
Sequence="20" TemplateAlias="01"
ToolTipTitle="$LocLabels:myce.new mycustomentity.Geocoding.FormButton.ToolTipTitle"
ToolTipDescription="$LocLabels:myce.new mycustomentity.Geocoding.FormButton.ToolTipDes
cription" />
                        </Controls>
                    </Group>
                </CommandUIDefinition>
            </CustomAction>
            <CustomAction
Id="myce.Mscrm.Form.new_mycustomentity.MainTab.MaxSize.19.CustomAction"
Location="Mscrm.Form.new_mycustomentity.MainTab.Scaling._children" Sequence="80">
                <CommandUIDefinition>
                    <MaxSize
GroupId="myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding"
Id="myce.Mscrm.Form.new mycustomentity.MainTab.MaxSize.19" Sequence="80" Size="Large"
1>
                </CommandUIDefinition>
            </CustomAction>
            <CustomAction
Id="myce.Mscrm.Form.new_mycustomentity.MainTab.Scale.20.CustomAction"
Location="Mscrm.Form.new_mycustomentity.MainTab.Scaling._children" Sequence="190">
                <CommandUIDefinition>
                    <Scale
GroupId="myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding"
Id="myce.Mscrm.Form.new_mycustomentity.MainTab.Scale.20" Sequence="190" Size="Popup"
/>
                </CommandUIDefinition>
            </CustomAction>
            <CustomAction
Id="myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding.CustomAction"
Location="Mscrm.HomepageGrid.new_mycustomentity.MainTab.Groups._children"
Sequence="55">
                <CommandUIDefinition>
```



```
<Group Command="Mscrm.Enabled"
Description="$LocLabels:myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding.T
itle" Id="myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding" Sequence="55"
Template="Mscrm.Templates.3"
Title="$LocLabels:myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding.Title">
                        <Controls
Id="myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding.Controls">
                            <Button
Command="myce.new_mycustomentity.Geocoding.GridCommand"
Id="myce.new_mycustomentity.Geocoding.GridButton"
Image32by32="$webresource:myce_/images/geocode_large.png"
LabelText="$LocLabels:myce.new_mycustomentity.Geocoding.GridButton.LabelText"
Sequence="10" TemplateAlias="01"
ToolTipTitle="$LocLabels:myce.new_mycustomentity.Geocoding.GridButton.ToolTipTitle"
ToolTipDescription="$LocLabels:myce.new_mycustomentity.Geocoding.GridButton.ToolTipDes
cription" />
                        </Controls>
                    </Group>
                </CommandUIDefinition>
            </CustomAction>
            <CustomAction
Id="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.MaxSize.18.CustomAction"
Location="Mscrm.HomepageGrid.new_mycustomentity.MainTab.Scaling._children"
Sequence="75">
                <CommandUIDefinition>
                    <MaxSize
GroupId="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.Geocoding"
Id="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.MaxSize.18" Sequence="75"
Size="Large" />
                </CommandUIDefinition>
            </CustomAction>
            <CustomAction
Id="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.Scale.19.CustomAction"
Location="Mscrm.HomepageGrid.new mycustomentity.MainTab.Scaling. children"
Sequence="190">
                <CommandUIDefinition>
                    <Scale
GroupId="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.Geocoding"
Id="myce.Mscrm.HomepageGrid.new mycustomentity.MainTab.Scale.19" Sequence="190"
Size="Popup" />
                </CommandUIDefinition>
            </CustomAction>
        </CustomActions>
        <Templates>
            <RibbonTemplates Id="Mscrm.Templates"></RibbonTemplates>
        </Templates>
        <CommandDefinitions>
            <CommandDefinition Id="myce.new mycustomentity.Geocoding.FormCommand">
                <EnableRules>
                    <EnableRule Id="myce.new mycustomentity.Geocode.Form.EnableRule"</pre>
1>
                </EnableRules>
                <DisplayRules />
                <Actions>
                    <JavaScriptFunction FunctionName="Geocode_Click"</pre>
Library="$webresource:myce_/emap/odg/scripts/ribbon.js">
                        <CrmParameter Value="PrimaryItemIds" />
                        <CrmParameter Value="PrimaryEntityTypeName" />
                    </JavaScriptFunction>
                </Actions>
            </CommandDefinition>
```

<CommandDefinition Id="myce.new\_mycustomentity.Geocoding.GridCommand">



```
<EnableRules>
                    <EnableRule Id="myce.new mycustomentity.Geocode.Grid.EnableRule"</pre>
1>
                </EnableRules>
                <DisplayRules />
                <Actions>
                    <JavaScriptFunction FunctionName="Geocode_Click"</pre>
Library="$webresource:myce_/emap/odg/scripts/ribbon.js">
                        <CrmParameter Value="SelectedControlSelectedItemIds" />
                        <CrmParameter Value="SelectedEntityTypeName" />
                    </JavaScriptFunction>
                </Actions>
            </CommandDefinition>
        </CommandDefinitions>
        <RuleDefinitions>
            <TabDisplayRules />
            <DisplayRules />
            <EnableRules>
                <EnableRule Id="myce.new mycustomentity.Geocode.Form.EnableRule">
                    <FormStateRule State="Existing" Default="false"
InvertResult="false" />
                </EnableRule>
                <EnableRule Id="myce.new_mycustomentity.Geocode.Grid.EnableRule">
                    <SelectionCountRule AppliesTo="SelectedEntity" Minimum="1"</pre>
Default="false" />
                </EnableRule>
            </EnableRules>
        </RuleDefinitions>
        <LocLabels>
            <LocLabel Id="myce.new mycustomentity.Geocoding.FormButton.LabelText">
                <Titles>
                    <Title description="Geocode" languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel
Id="myce.new_mycustomentity.Geocoding.FormButton.ToolTipDescription">
                <Titles>
                    <Title description="Perform a geocode on this entity"
languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel Id="myce.new mycustomentity.Geocoding.FormButton.ToolTipTitle">
                <Titles>
                    <Title description="Geocode" languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel Id="myce.new mycustomentity.Geocoding.GridButton.LabelText">
                <Titles>
                    <Title description="Geocode" languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel
Id="myce.new_mycustomentity.Geocoding.GridButton.ToolTipDescription">
                <Titles>
                    <Title description="Geocode" languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel Id="myce.new_mycustomentity.Geocoding.GridButton.ToolTipTitle">
                <Titles>
                     <Title description="Perform a geocode on the selected entity(ies)"
languagecode="1033" />
                </Titles>
```



```
</LocLabel>
            <LocLabel Id="myce.Mscrm.Form.new_mycustomentity.MainTab.Geocoding.Title">
                <Titles>
                    <Title description="Geocoding" languagecode="1033" />
                </Titles>
            </LocLabel>
            <LocLabel
Id="myce.Mscrm.HomepageGrid.new_mycustomentity.MainTab.Geocoding.Title">
                <Titles>
                    <Title description="Geocoding" languagecode="1033" />
                </Titles>
            </LocLabel>
        </LocLabels>
      </RibbonDiffXml>
    </Entity>
  </Entities>
  <Roles></Roles>
  <Workflows></Workflows>
  <FieldSecurityProfiles></FieldSecurityProfiles>
  <Templates />
  <EntityMaps />
  <OrganizationSettings />
  <optionsets />
  <Languages>
    <Language>1033</Language>
  </Languages>
</ImportExportXml>
```

#### **Step 4 – Re-import the solution**

- Save the customizations.xml file.
- Zip up the three solution files into a new solution zip:





- In CRM, import the solution using all default settings.
- The import should complete successfully. If not, you can save the import log file to get a better idea of what went wrong.
- Once the solution is imported, you must **Publish all Customizations**.
- Your custom entity should now have the On-Demand Geocode button.
- You may delete the new solution from CRM as it is no longer needed. The On-Demand Geocode button will remain.





### **Removing On-Demand Geocode from the custom entity**

If you wish to remove the On-Demand Geocode ribbon button from the custom entity after using the above instuctions, please follow the following steps:

- If you still have the unzipped solution files, you can use those to create a new solution for uninstallation.
- If not, please follow Step 1 of the installation instructions above to produce a new solution containing your custom entity.
- Open the **customizations.xml** file in a text editor.
- Replace the entire <RibbonDiffXml> node with the following xml:

```
<RibbonDiffXml>

<CustomActions />

<Templates>

<RibbonTemplates Id="Mscrm.Templates"></RibbonTemplates>

</Templates>

<CommandDefinitions />

<RuleDefinitions>

<TabDisplayRules />

<DisplayRules />

<EnableRules />

</RuleDefinitions>

<LocLabels />

</RibbonDiffXml>
```

- Save the customizations.xml file.
- Zip up and import the solution as per Step 4 of the installation instructions. Make sure you Publish all Customizations, and you may delete the solution thereafter.