

## Introduction to Business Central Development

<b>Date:</b>	TBD
<b>Duration:</b>	3 Days
<b>Location:</b>	Virtual
<b>Instructors:</b>	Bryce Menadue
<b>Workshop Objectives:</b>	
<p>This workshop will introduce you to Microsoft's new development standards for Business Central and provide opportunities to practice. By learning and applying these principles in this workshop, you will leave with a fully functional extension written in AL code.</p> <p>Topics covered include:</p> <ul style="list-style-type: none"> <li>• What are Extensions?</li> <li>• What is Visual Studio Code?</li> <li>• How does Innovia use Source Control in Business Central?</li> <li>• How to build your first extension</li> <li>• Extending the base application</li> <li>• Open / closed principle</li> <li>• Creating your first set of objects</li> <li>• Using hooks (Microsoft Events)</li> <li>• Introduction to reporting (Word layouts, RDLC Layouts)</li> <li>• Web Services</li> <li>• .NET</li> <li>• Enums and Interfaces</li> <li>• Lists and Dictionaries</li> </ul>	
<b>Preparation:</b>	
<p><b>What you will need for this Workshop:</b></p> <ul style="list-style-type: none"> <li>• Laptop computer</li> <li>• Development background preferred</li> <li>• Visual Studio Code downloaded and installed</li> <li>• Basic knowledge of development for previous versions of Dynamics NAV or Business Central</li> </ul>	



Schedule – Day 1	
Topic	Duration
<b>Introductions / Ice Breaker</b>	15 Minutes
<p><b>What are Extensions?</b></p> <ul style="list-style-type: none"> <li>• Understanding what extensions are</li> <li>• Why is Microsoft making the switch?</li> </ul> <p><b>Setting up your Modern Development Environment</b></p> <ul style="list-style-type: none"> <li>• What is Visual Studio Code?</li> <li>• Connecting Visual Studio Code to Business Central</li> </ul> <p><b>Source Control</b></p> <ul style="list-style-type: none"> <li>• Importance of Source Control in Business Central</li> <li>• How does Innovia use Source Control with Business Central?</li> <li>• Other options</li> </ul>	3 Hours
<b>Lunch</b>	1 Hour
<p><b>Your First Extension – Part 1</b></p> <ul style="list-style-type: none"> <li>• Creating your extension</li> <li>• Structuring your extension</li> <li>• Connecting to a sandbox</li> <li>• On premise vs. SaaS</li> <li>• Creating your first set of objects</li> </ul>	3 Hours
<p><b>Wrap Up</b></p> <ul style="list-style-type: none"> <li>• Discuss any additional questions or concerns</li> <li>• Recap of takeaways</li> </ul>	15 Minutes



Schedule – Day 2	
Topic	Duration
<b>Review / Questions from Day 1</b>	15 Minutes
<b>Your First Extension – Part 2</b> <ul style="list-style-type: none"> <li>• Extending the base application</li> <li>• Open / closed principle</li> <li>• Using hooks (Microsoft Events)</li> </ul>	3 Hours
<b>Lunch</b>	1 Hour
<b>Your First Extension – Part 3</b> <ul style="list-style-type: none"> <li>• Introduction to reporting (Word layouts, RDLC layouts)</li> <li>• Web Services</li> <li>• .NET</li> </ul>	3 Hours

Schedule – Day 3	
Topic	Duration
<b>Review / Questions from Day 2</b>	15 Minutes
<b>Your First Extension – Part 4</b> <ul style="list-style-type: none"> <li>• Introduction to Enums and Interfaces <ul style="list-style-type: none"> <li>◦ How to use Enums</li> <li>◦ How to use Interfaces</li> </ul> </li> <li>• Lists &amp; Dictionaries (not .NET)</li> </ul>	3 Hours
<b>Lunch</b>	1 Hour
<b>Open Forum/Overflow Time</b> <ul style="list-style-type: none"> <li>• Bring your own development questions</li> <li>• Final questions about demo extension</li> </ul>	2 Hours