



Creating an Application Extending Business Central

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Extending Dynamics NAV and BC

Extending Dynamics is essential and one of the greatest features of the system.

The way we do it has fundamentally changed through the years.

It makes upgrades much easier and faster to implement.



How Modifications are Done	Applied directly to system code	Applications extending the system
How Features are Delivered	Hard to separate and maintain	Applications easy to package and deploy
How Upgrades are Done	Very difficult and time-consuming	Much easier, built into applications
Where is the Code	Inside the database	Maintained separately
What Environment Developers Use	Non-standard, limited, closed	Cutting-edge, well-known, open

Dynamics Business Central Application



Features

Fully Contained Module

Everybody Can Make One

Marketplace (App Store)

Physical File

Publish + Install



Contents

New Objects

Object Extensions

Permissions

Event Subscribers

Interface Implementations



Architecture

System Applications

Base Applications

3rd-Party Applications

Application Dependencies

Application Symbols

Tools, Technologies and More...



Visual Studio Code

For writing code
with help of AI



PowerShell

For administrative tasks



.NET



JavaScript

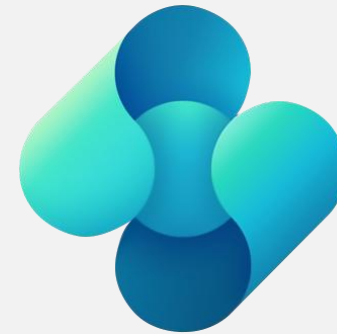


Python



Git

For maintaining code



BC Extension Manager
For managing applications
in Business Central



Rust



Java



PHP



AI

For helping with design,
coding and testing



Ruby



C++



TypeScript



HTML



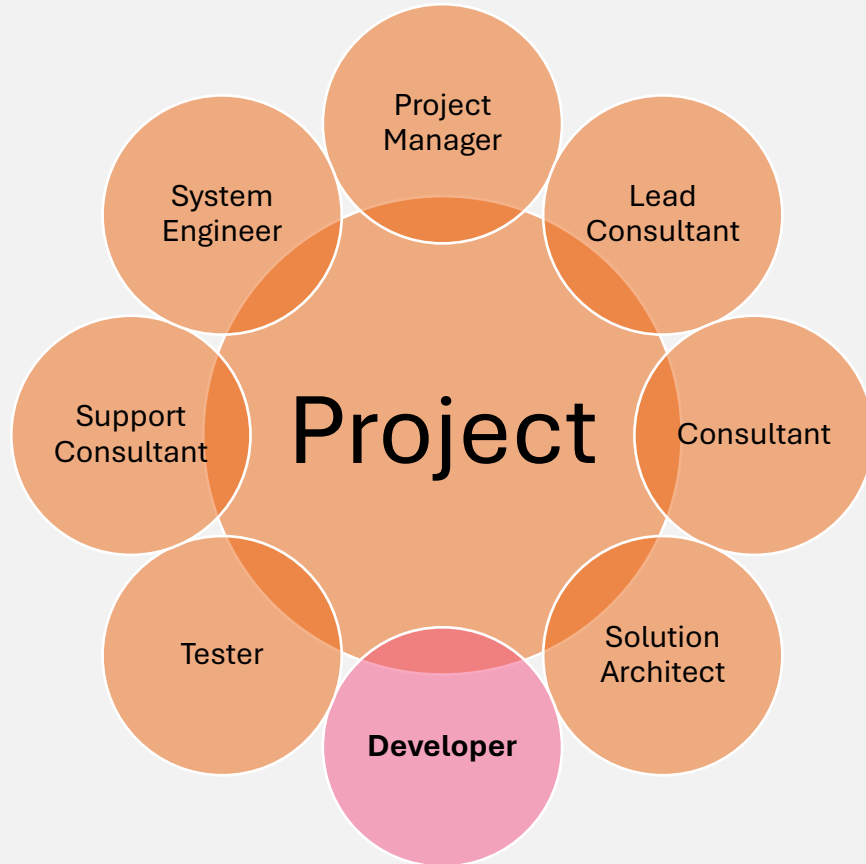
SQL

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Coding
Demo!!!



The Bigger Picture



- Development – one of many stages of well-led project
- Development – not simple; complex solutions require knowledge and experience
- AI – more to learn and use in everyday development
- Business Central – huge system, constantly changing
- You need to be diagnosed as “a nerd” 😊

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Questions

...and, sometimes, answers ;-)





Thank you!

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Dev Camp

July 2026, September 2026
<https://www.the365people.com>



*If "debugging" is the process of removing software bugs,
then "programming" must be the process of putting them in.*

Edsger Dijkstra