Dynamics 365 Finance and Operations: Code Review

Proactive Operations Program

Duration: 5 Days [Remote]
Difficulty Level: 400 - Expert

Description

This offering provides a holistic view of the quality of your custom code (X++ only). You can easily identify with this view the most efficient approach to get your custom Dynamics 365 Finance and Operations solution to a healthier and better performing state. You will work with a Microsoft accredited engineer to determine how well the code conforms to recommended best practices for the following: reliability, conceptual integrity, maintainability, performance, and user experience.

Objectives

- Understand industry best practices
- Learn the tools used for code review

Outcomes

Get a detailed report that includes code quality statistics, risk areas with specific examples, and recommendations for improvement.

Methodology

Review and analysis

A Microsoft engineer will assess code and review your customizations, perform an analysis to identify risk areas, provide knowledge transfer of the findings as a result of code review, and help you to understand how to remediate them.

Develop a plan

You will receive documented, prescriptive guidance that outlines the established coding standards, sample patterns, and references to supporting resources.

Scope

This service is scoped to assess the customized code based on reliability, conceptual integrity, maintainability, performance, user experience, and security.

Agenda

Day 1-5

- Service overview
- Assessing the code
- Analysis
- Key findings review
- Follow-up

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Delivery Outline

Requirements	
Participants ▪ Roles who are part of assess the compliance of their customizations with Microsoft recommended practices **Skill Requirements** ▪ Basic knowledge of the Dynamics 365 Finance and Operations development environment, artifacts, tools, techniques, and practices **Time Commitment** ▪ Five full-day engagement with relevant roles	**Delivery Requirements** ▪ Access to target environment with required permissions

Knowledge Transfer and Implementation		
Scoping	Welcome Call	▪ Scoping call to run through the prerequisites of the engagement and engagement structure

Day 1-5	Assessing the code	▪ Summary scorecard assessing code quality based on the following:
		  ▪ Reliability
		  ▪ Conceptual integrity
		  ▪ Maintainability
		  ▪ Performance
		  ▪ User experience
		  ▪ Security

Day 1-5	Review and Analysis	▪ Engineer will perform analysis to identify areas of risk
		▪ Samples of best practice deviations identified during analysis, including the following:
		  ▪ Risk
		  ▪ Guideline
		  ▪ Severity
		  ▪ Type/Member (if appropriate)
		  ▪ Source file/line location (if appropriate)
		  ▪ Code statement
		  ▪ Comments
		▪ The observations and commentary of the engineer on the identified issues

Day 1-5	Knowledge Transfer and Close-out	▪ Share the findings as a result of code review and help you to understand how to remediate them ▪ Documented, prescriptive guidance outlining established coding standards, sample patterns, and references to supporting resources

For more information: Please contact your Microsoft Representative for more details.