Microsoft Dynamics 365

# Dynamics 365 FastTrack Architecture Insights

Code review strategy

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# Agenda

- Opportunity
- Code reviews
- Demo
- Q & A

# Opportunity

# Opportunity

- There is a significant opportunity in increasing the quality of development work by reducing the number of code defects

- Any code defect can have an impact on the implementation and the impact can be significant depending on the timing

- Very recently, the general availability for 10.0.24 was delayed due to a code defect

# Opportunity

- Finding code defects before they affect the implementation is a great benefit
- Improving the skills of developers to avoid code defects altogether is an even greater opportunity
- Building a culture of teamwork and learning is the greatest opportunity

# Opportunity

# Code reviews

# Code reviews

- Code reviews are often a negative experience because the goal is to find mistakes

- Code reviews that are used to promote collaboration and learning can turn it into a positive experience and build a stronger team

# List of behaviors to encourage

· **Do** be professional and courteous

· **Do** include a simple explanation of the overall issue and solution

· **Do** quickly reject an entire review that is not ready to be reviewed

· **Do** limit the number of comments you make and make them count

· **Do** use "consider" for optional ideas such as for learning

# List of behaviors to avoid

- **Do not** make personal comments or take comments personally
- **Do not** request a code review if the code is not ready to be reviewed (compiled, reasonably tested, etc.)
- **Do not** comment that something is bad unless you include a suggestion to make it better
- **Do not** comment on items where there is little to gain
- **Do not** make the same comment more than twice
- **Do not** make comments outside the scope of the review

# Demo

# Q&A

# Thank you