

##Development Lifecycle The Development Lifecycle in Azure DevOps (ADO) refers to the software development and delivery process using the Azure DevOps platform and Development and Testing Tools. ADO is a comprehensive set of tools and services provided by Microsoft to facilitate collaboration, version control, build automation, and release management in the development process. This wiki page aims to provide tutorials and insights into the various stages of the development lifecycle in ADO, enabling developers to effectively utilize the platform's features and optimize their software development practices.

###ADO Workflow

##Planning TODO:

##Development The development (coding) and code review phase of the development lifecycle in ADO focuses on the actual development of software components and ensuring the quality and maintainability of the codebase. This phase involves writing code, performing code reviews, and addressing any identified issues. Tutorials in this section will provide guidance on best practices for coding, code review processes, and utilizing ADO's features for efficient collaboration.

###Development Phase

##Testing and Quality Assurance Effective testing and quality assurance practices are integral to delivering high-quality software. Tutorials in this section will cover topics such as test planning, test case management, test execution, integrating automated testing frameworks, and leveraging ADO's built-in test insights. TODO:

Continuous Integration, Continuous Delivery

Continuous Integration involves building and validating code changes frequently, ensuring early detection of issues. Tutorials here will cover setting up CI pipelines, configuring build agents, executing tests, and integrating ADO with popular build tools (i.e. Azure Pipeline). Continuous Deployment focuses on automating the release and deployment of software. This section will delve into topics such as defining release pipelines, configuring deployment environments, managing release approvals, and utilizing deployment gates for quality checks.