GitHub Learning Companion

www.aka.ms/pathways

Microsoft Learn/Documentation

Administration basics and product features

| Introduction to GitHub | Administration | Products |

Automate workflow with GitHub Actions
Learn how GitHub Actions enables you to automate your software development cycle and deploy applications to Azure

START

Collaborate with others with Markdown and GitHub Pages
Learn how to use Markdown to effectively communicate with others in your GitHub issues, pull requests, comments, and documentation.

START

Deploy Azure resources by using Bicep and GitHub Actions
Gain the benefits of infrastructure as code by using an automated workflow to deploy your Bicep templates.

START

Manage Source Control
Learn how GitHub enables you to build a modern source control strategy that fosters collaboration and enables you to automate.

START

Build Community-Driven Software Projects
Learn how GitHub enables you to build communities that foster communication and collaboration.

START

Manage the lifecycle of your products
Take full control of your GitHub projects. Through work planning and tracking, effective branching strategies, and extending GitHub through its API.

START

Work with Azure Repos and GitHub
This module introduces you to Azure Repos and GitHub and explores ways to migrate from TFVC to Git, and work with GitHub Codespaces.

START

Plan Agile with GitHub Projects
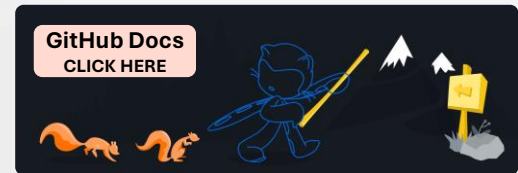This module introduces you to GitHub Projects, GitHub Project Boards and Azure Boards.

START

Introduction to GitHub Packages
Explore ways to control permissions and visibility, publish, install, delete and restore packages using GitHub.

START

Reference

GitHub Docs
CLICK HERE

YouTube **GitHub**

YouTube **Training & Guides**

GitHub Administration

GitHub Advanced Security

Microsoft Learn for GitHub

Microsoft Learn/Documentation

- GitHub administration for enterprise support and adoption
- Deploy a cloud-native ASP.NET Core microservice with GitHub Actions
- Azure Kubernetes Service deployment pipeline and GitHub Actions
- Create and publish custom GitHub actions
- Manage GitHub Actions in the enterprise
- Deploy and maintain cloud-native apps with GitHub actions and Azure Pipelines

- Learn how Microsoft supports secure software development as part of a cybersecurity solution
- Introduction to GitHub Advanced Security
- Configure and use secret scanning in your GitHub repository
- Authenticate and authorize user identities on GitHub
- Configure code scanning on GitHub
- Code scanning with GitHub CodeQL

- Manage sensitive data and security policies within GitHub
- GitHub administration for GitHub Advanced Security
- Introduction to GitHub in Visual Studio Code
- Architect full-stack applications and automate deployments with GitHub
- Configure Dependabot security updates on your GitHub repo

Copilot

- GitHub Copilot Fundamentals - Understand the AI pair programmer
- GitHub Copilot · Your AI pair programmer
- Learning GitHub Copilot (6 x show)
- GitHub Copilot documentation - GitHub Docs
- How to use GitHub Copilot: Prompts, tips, and use cases