

Porting Assistant for .NET

Insight and assistance for porting .NET Framework applications to modern .NET

What

Porting Assistant for .NET (PA) is an analysis tool that scans .NET Framework applications and generates a modern .NET compatibility assessment, helping you port your applications to Linux faster.

Why

Porting .NET Framework applications to modern .NET helps customers take advantage of the performance, cost savings, and robust ecosystem of Linux. However, porting can be a significant manual effort. Application owners need to identify dependencies and resolve incompatible APIs.

How

1

Scan

PA scans .NET Fx apps to find APIs & NuGet packages incompatible with .NET 6+.

2

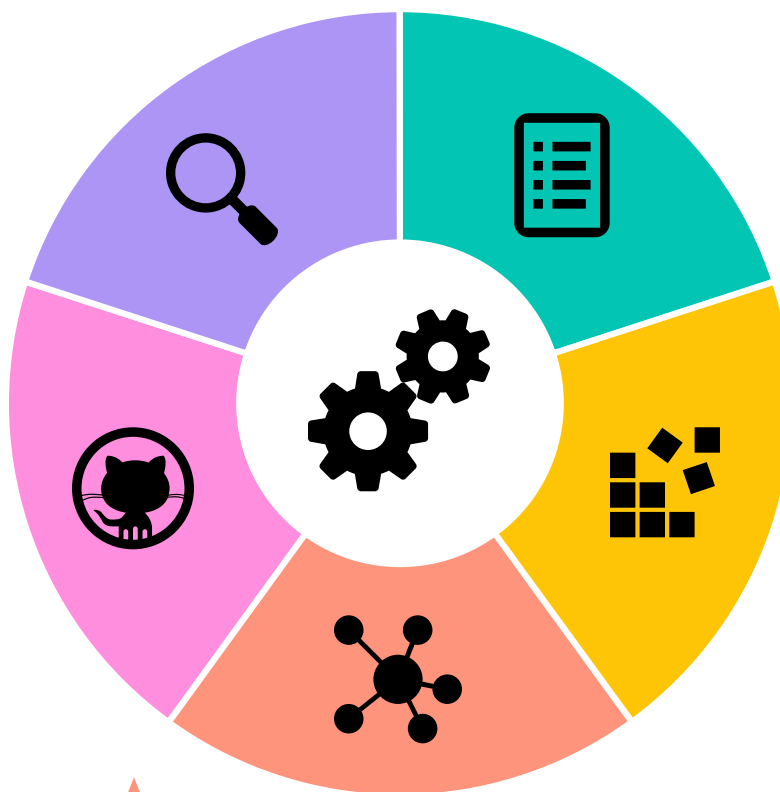
Assessment Report

PA generates compatibility report and suggests available replacements.

3

Assisted Porting

PA updates packages and changes project reference files for you to start porting.



Public Dataset
The dataset PA uses is publicly available on GitHub and includes data AWS has curated as well as data from other public sources.

Dependency Visualization
PA GUI visualizes dependencies within a solution file, helping assess the impact of changes.