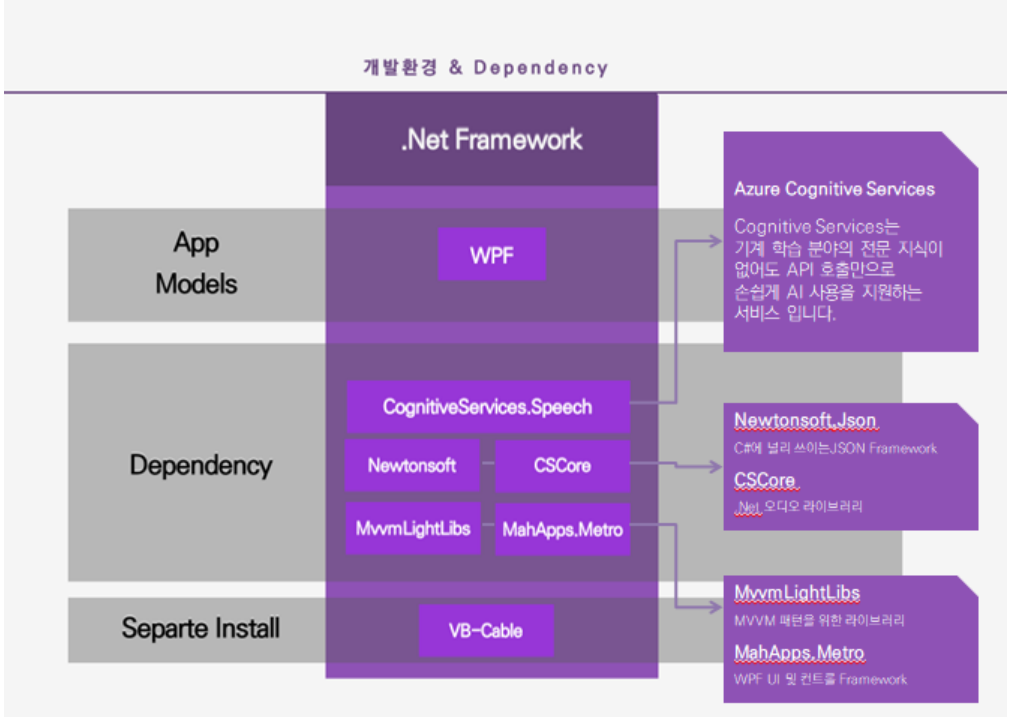


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Cognitive Translation App

참여인원 권태헌

<p>프로젝트 간략 내용</p>	<p>Microsoft Cognitive Service를 응용하여 제작한 Windows 음성번역 프로그램입니다. WPF 기반으로 제작된 CognitiveTranslationApp은 사용자의 오디오 장치에서 발생하는 사운드를 Sampling 하여 Cognitive Service API에 전달 및 결과를 받아 사용자에게 보여줍니다.</p>
<p>아키텍처</p>	 <p>The diagram illustrates the architecture and dependencies of the project. It is organized into three main categories on the left: App Models, Dependency, and Separte Install. The App Models category contains WPF. The Dependency category contains CognitiveServices.Speech, Newtonsoft, CSCore, MvvmLightLibs, and MahApps.Metro. The Separte Install category contains VB-Cable. Arrows point from these components to their respective external services or frameworks on the right: WPF points to Azure Cognitive Services; CognitiveServices.Speech points to Newtonsoft.Json; Newtonsoft points to CSCore; CSCore points to MvvmLightLibs; MahApps.Metro points to MahApps.Metro. The external services are described as follows: Azure Cognitive Services is a cloud-based service for machine learning and AI; Newtonsoft.Json is a JSON framework for C#; CSCore is a C# audio library; MvvmLightLibs is a library for MVVM patterns; and MahApps.Metro is a WPF UI framework.</p>
<p>개발내용</p>	<p>오디오 장치 제어 개발 Microsoft Cognitive Service API 연결 WPF 개발</p>
<p>이슈</p>	<p>기존 프로젝트와 유사한 내용이 많아 학습에 문제가 없었음.</p>
<p>시연영상</p>	<p>https://youtu.be/RJmG6ViLy8E</p>