

ABSTRACT

This final project designed a web services that capably managed the Really Simple Syndication (RSS) based on defining RSS and its concept [AMC04]. In order that, this final project worked to convert from database to the RSS document form XML based capably, which could read by RSS-Client and RSS-Reader then it worked in a online and a offline manner.

This final project worked optimally on Microsoft .NET Framework platform. Web server which is used is Internet Information Service (IIS). In managing news, database which is used is Microsoft SQL Server 2005, then the prominent tool which is used is Microsoft Visual Studio .NET 2005.

For using this web services, made of an ASP.NET interface website as a news sample. For supporting and testing the web services application. Designed 4 (four) kinds of RSS-Clients applictaion with the different programming language, such as :VB.NET, C#, Java, and ASP.NET.

Keywords : XML, Web Services, RSS, Microsoft SQL Server 2005, Microsoft ASP.NET