

WIT: Weka interface translator

Abstract

Advancement in technology turns the big world into one small village. Regardless of what country you are living in, what language you are speaking or understanding, you should be able to benefit from the accumulated knowledge available on the Internet. Unfortunately, this is not the case with English being the de facto language of most programming languages, services, tools and web content. Many users are blocked from using these tools and services because they do not speak or understand English. Multilingual software evolved as a solution to this dilemma. In this paper, we describe the design and implementation of a user-friendly toolkit named Weka interface translator (WIT). It is dedicated to internationalize Weka, which is a collection of machine learning algorithms for data mining tasks widely used by many researchers around the world. WIT is a collaboration project between the Arabic natural language processing team from the University of Jordan and Weka's development team from the University of Waikato. Its main goal is to facilitate the translation process of Weka's interfaces into multi-languages. WIT is downloadable through SourceForge.net and is officially listed on Weka's wiki spaces among its related projects. To experiment with WIT, we present Arabic as a pilot test among many languages that could benefit from this project. © 2015 Springer Science+Business Media New York