A Platform for Experimenting with UNL

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Abstract. We introduce an integrated environment, which provides the initiation, information, validation, experimentation, and research on UNL. This platform is based on a web site, which means any user can have access to it from anywhere. Also we propose an XML form of UNL document as the base of future implementation of UNL on the Internet.

1   Introduction

Since proposed 5 years ago, UNL project has attracted 16 international teams to join and is regarded as a very promising semantic Interlingua for knowledge representation on the Internet. The articles and applications of UNL have been found in many domains such as: machine translation, information retrieval, multilingual document generation, etc. Now we can find on the Internet not only the web sites of UNL language centres but also some discussions. The applications to facilitate the usage of UNL have been produced as well. Now we see the need to create a platform to integrate these applications also to introduce UNL to new ordinary users. We create this platform on a web site SWIIVRE (http://www-clips.imag.fr/geta/User/wang-ju.tsai/welcome.html), which has several goals: for the initiation, information, verification, research, and experimentation of UNL. And since this platform is based on a web site, any user from anywhere can have access to it.

2   Introduction of the Site SWIIVRE

In Appendix I we list all the resources accessible for UNL society members from internet. We can find out that most of the LC's connect vertically to UNL Centre but the horizontal connection among LC's is not enough, which means any user who wants to try the multilingualism of UNL will feel frustrated, since he will need to spend a lot of time try out every LC to know what service he can get.

The main purpose of this site is rather to integrate the current UNL applications and complete the services of Language Centres', when the function is available on a Language Centre, we simply provide the link to it, we also produce some applications to integrate or provide new functions, which all serve to facilitate the usage of UNL. Also we collect the useful information and publications on UNL, the web site is updated regularly. Lastly, by collecting the useful information and recording the related