

Web Based Japanese Language Learning Environment with Educational Filtering

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Internet has come into wide use recently and Web pages have been increasing. We think that many Web pages that relate on a learner's needs. Therefore, we focus on a learning environment where the learner studies Japanese language using Web pages.

We propose a framework of WEFS (Web based Educational Filtering system). WEFS filters the Web page focusing on personal learning needs and social learning needs and strategy. In addition, we develop WWW-JUPITER as a prototype system that has a framework of WEFS.

We think that our framework, WEFS, is a new approach that integrates an information-filtering model into an educational system. On the other hand, the introduction of WWW-Jupiter in a classroom may reduce a teacher's burden to select the educational material for each learner. The teacher can select a content of the educational material without considering each learner's level.