

(Pt24) Modelling user situations with smartphones

(Pt11)Seung-Ik LEE, YunKyung PARK

*(Pt10) *ETRI (Electronics and Telecommunications Research Institute), Korea*

(Pt9)[the silee@etri.re.kr](mailto:silee@etri.re.kr), parkvk@etri.re.kr

(Pt9)Abstract—This paper presents a preliminary study on modelling personal experiences, centered on the design and the issues of the modelling. The proposed personal experience gathering framework aims at providing a ground for circulating and utilizing personal mobile contents by giving them semantic meaning through automatic annotation. Among various kinds of personal experiences, the framework models spatio-temporal information, social relations, personal interests, and multimedia-content-related activities. This paper defines the data needed, explains the ways they are (pre-) processed and annotated automatically.

(Pt9)Keyword— Personal experience, knowledge store, mobile, knowledge, platform, collection



(Pt8) Seung-Ik Lee received his MS and PhD in computer science from Yonsei University, Seoul, Korea, in 1997 and 2001, respectively. He is currently working for ETRI(Electronics and Telecommunications Research Institute), Korea. His research interests include evolutionary computation, intelligent robot control, mobile situation modeling, and knowledge representation and modelling.



(Pt8) YunKyung Park received his MS in computer science from ChungNam University, Daejeon. She is currently working for ETRI(Electronics and Telecommunications Research Institute), Korea. Her research interests include knowledge representation and processing, mobile services.