Representing Web Services with UML: A Case Study

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Abstract. Nowadays services are one of the most important issues in the scope of the Web Information Systems (WIS). Although, there is a great amount of Web services, still it do not exist methods or modelling techniques that can guarantee quality in services and service-oriented applications development. MIDAS is a model-driven methodology for the development of WISs and is based on UML, XML and object-relational technology. Web services represent a new dimension in WIS development, in which the systems are constructed by means of transparent integration of services available in the Web. WSDL is the language proposed by the W3C for Web service description. In this paper, an UML extension for Web services modelling defined in WSDL is described through a case study.