Abstract

The purpose of this thesis is to perform a technical analysis of the present and future standards concerning service environment in the area of telecommunication. The intention is to review some of the ongoing developments in standards and technologies that are expected to have an impact on future services creation. A Generic Service Platform (GSP) has to be developed for the building of these services. This issue is currently being addressed by a number of initiatives such as Third Generation Partnership Project (3GPP), Parlay and Java API for Integrated Networks (JAIN). This thesis also aims to provide an overview of ongoing activities in standards bodies such as European Telecommunications Standards Institute (ETSI) and Internet Engineering Task Force (IETF) to understand the importance of telephony and Internet convergence. The requirements and troubles concerning the creation of a GSP are also discussed.