

ABSTRACT

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Mobile agents in the context of software engineering are software entities, components or objects with certain properties portrayed by agents. These properties to name a few are; autonomy, pro-activity, reactivity and maybe some form of intelligence. Being mobile means they (agents) can move within and between networks.

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Mobile agents can be generated from mobile wireless handheld devices. This thesis focuses on an application for mobile agents that will benefit mobile users: the automatic recharging of a prepaid account. The implementation is based on Java 2 Micro Edition (J2ME) Platform. The JADE Agent platform is used with JESS reasoning engine.

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