

BUILDING A DSS FOR FIRE SERVICE USING JCOLIBRI

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Case-Based Reasoning is a reasoning paradigm, that uses past cases to solve the current problem. Researches improved that CBR is an optimal method to support decision taking in fire service domain. But to build a CBR application for Fire Service two important problems should become solved. The first is the availability and universality of tools to build CBR application, and the second is practical experience of applying CBR techniques to fire service domain. Building CBR system from scratch is a difficult and time consuming task. Reusable components library is a step forward to simplify and universalize application designing and building. An object-oriented framework technology is a more advanced and better approach. In this article the possibility of building a CBR system for Fire Service using jCOLIBRI framework is described.

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