

## Queuing networks to evaluate web applications: modelling

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Abstrak

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The aim of this work is to define a procedure for the modelling of a computer network for the simulation of the network traffic induced by the execution of web applications. The work consists in describing the objects of a library defined for modelling both the hardware and the software of the system. These are specific objects with an architecture based on complex queuing service structures. The objects of the library are used to both build the computer network model and describe the operation of a web application executed on the network in a distributed fashion.