

CD++ Model Data Form

Title: Ad-Hoc Network

Type: DEVS Model

Acronym/Short name:

Purpose for which Developed: A model used to study the reliability of ad-hoc networks

Other Applications for which it is Suitable:

Date Developed/Implemented: October 2007

Domain: Networks and Telecommunications

Current Version:

URL:

Description (including characteristics): An ad-hoc network is a network in which nodes have wireless links and are mobile. Nodes are free to join or leave the network randomly, therefore the topology of the network changes with time. The simulator herein describes the reliability as a function of existing links and possible links.

Links to Related Documents

Short Title:

URL:

Description:

Keywords: Ad-hoc, network

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Comments: This model works, for the most part. Running the simulation occasionally results in run time exceptions by the CD++ plugin which have not been resolved. The exception returns message : STATUS_ACCESS_VIOLATION. I noticed this when running longer imulations.