

This book is designed to be an NS2 user manual. It provides basic information required to install NS2, run simple examples and create as well as incorporate network modules with scenarios in NS2. To this end, the details of several built-in NS2 modules are explained in a comprehensive manner. NS2 by itself contains numerous modules. As time elapses, researchers keep developing new NS2 modules. This book does not include the details of incorporating new NS2 modules. We believe that once the basics of NS2 are grasped, the readers can go through other documentations, and readily understand the details of other NS2 components. The details of Network Animator (NAM) and Xgraph are also briefed here. We understand that these two tools are nice to have and could help user to do simulation and analysis of computer networks. On the other hand, we believe that they are not essential to the understanding of the NS2 concept.



K. Paramesha
H. L. Gururaj

A User Manual for Network Simulator (NS2)



Paramesha K. (Assoc. Prof. in CSE) & Gururaj H. L. (Asst. Prof. in CSE) are working in the Vidyavandhaka College of Engineering, Mysuru, India. Paramesha K. has served on numerous conference program committees, also as Chairperson. Gururaj H. L. received Young Scientist Award for International travel Grants from IIS-SEIRB, DST, Government of India.



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Landslide Science and Practice Claudio Margottini,Paolo Canuti,Kyoji Sassa,2013-08-15 This book contains peer reviewed papers from the Second World Landslide Forum organised by the International Consortium on Landslides ICL that took place in September 2011 The entire material from the conference has been split into seven volumes this one is the first 1 Landslide Inventory and Susceptibility and Hazard Zoning 2 Early Warning Instrumentation and Monitoring 3 Spatial Analysis and Modelling 4 Global Environmental Change 5 Complex Environment 6 Risk Assessment Management and Mitigation 7 Social and Economic Impact and Policies

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Puigjaner, Bartomeu Serra, 2008-08-29 This volume contains the proceedings of the Seventh Mediterranean Ad Hoc Networking Workshop Med Hoc Net 2008 celebrated in Palma de Mallorca Illes Balears Spain during June 25 27 2008 This IFIP TC6 Workshop was organized by the Universitat de les Illes Balears in cooperation with the Associaci6n de Tdnicos de Inform tica and sponsored by the following Working Groups WG6 3 Performance of Computer Networks and WG6 8 Mobile and Wireless Communications The rapid evolution of the networking industry introduces new exciting challenges that need to be explored by the research community Aside the adoption of Internet as the global network infrastructure these last years have shown the growing of a set of new network architectures without a rigid and known a priori architecture using wireless techniques like sensor and ad hoc networks These new types of networks are opening the possibility to create a large number of new applications ranging from domestic to nature surveying These new networks are generating new technical challenges like the capability of auto reconfiguration in order to give the network an optimal configuration the energy saving need when the nodes have not a source of energy other than a small battery new protocols to access the network and to convey the information across the network when its structure is not completely known or should be discovered new paradigms for keeping the needed information security and privacy in a quite uncontrolled environment and others **Artificial Neural**

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