Abstract

As in a complex growing mesh technologies field, autonomic computing is an auspicious new approach for building large scale distributed systems without assistance of any human interaction. This paradigm provides an environment, which has the potential to manage itself and adapt to the changes. The main objective of autonomic environment is to render the system administrator free by achieving self management properties at a higher level. The main characteristics of autonomic systems, which are to be achieved, are Self-healing, Self-optimizing, Self-protecting and Self-configuring. This paper describes the architecture of stable autonomic systems.
A Study on Architecture of Autonomic Computing-Self Managed Systems


- B. Foote, J. Yoder, "Big Ball of Mud", in Pattern Languages of Program Design 4, ed. N. Harrison, B. Foote, H. Rohnert, Addison-Wesley, 2000.


- Fourth IEEE International Workshop on Engineering of Autonomic and Autonomous Systems (Ease&amp;apos;07) 0-7695-2809-0/07


- Mazeiar Salehie, Ladan Tahvildari, "Autonomic Computing : Emerging Trends and open Problems"; DEAS&amp;apos;05 St Louis, Missouri USA Copyright 2005
Index Terms

Computer Science

Automated Systems

Keywords

Autonomic computing  architecture  managed elements  autonomic element.