

## Software Agents Characteristics And Classification

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### Software Agents Characteristics And Classification

3 Classification of Software Agents Classification refers to the study of types and entities. There are several dimensions to classify existing software agents. They can be classified according to: the tasks they perform; their control architecture; the range and effectiveness

### Software Agents: Characteristics and Classification

A software agent is an autonomous entity that can interact with its environment. Software agents are implemented through software and can react with other entities such as humans, machines, and other agents in various environments, across multiple platforms.

### Software Agent - an overview | ScienceDirect Topics

In computer science, a software agent is a computer program that acts for a user or other program in a relationship of agency, which derives from the Latin agere: an agreement to act on one's behalf. Such "action on behalf of" implies the authority to decide which, if any, action is appropriate. Agents are colloquially known as bots, from robot. They may be embodied, as when execution is paired with a robot body, or as software such as a chatbot executing on a phone or other computing device. So

### Software agent - Wikipedia

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### Software Agents Characteristics And Classification

Figure 2 - A Classification of Software Agents 5.1 Collaborative Agents: An Overview. ... In brief the key general characteristics of these agents include autonomy, social ability, responsiveness and proactiveness. Hence, they are (or should/would be) able to act rationally and autonomously in open and time-constrained multi-agent environments. ...

### Software Agents: An Overview - Carleton

A software agent is an piece of software that functions as an agent for a user or another program, working autonomously and continuously in a particular environment. It is inhibited by other processes and agents, but is also able to learn from its experience in functioning in an environment over a long period of time.

### **What is Software Agent? - Definition from Techopedia**

A new classification scheme for software agents. Conference Paper ... we briefly present the classification scheme of agent characteristics defined in (Hector & Lakshmi, 2005). According to the ...

### **(PDF) A new classification scheme for software agents**

Software characteristics are classified into six major components. • **Functionality:** Refers to the degree of performance of the software against its intended purpose. • **Reliability:** Refers to the ability of the software to provide desired functionality under the given conditions.

### **What is software? Characteristics and Classification of ...**

"An agent is a computer software system whose characteristics are situatedness, autonomy, adaptivity and sociability." Situatedness When an Agent receives some form of sensory input from its environment, it then performs some actions that change its environment in some way.

### **Intelligent Agents Characteristics - UKEssays.com**

A software agent is a computer system situated in an environment that acts on behalf of its user and is characterised by a number of properties (Chira, 2003). Most researchers agree that autonomy is a crucial property of an agent. Alonso (2002) states about agents that it is precisely their autonomy that defines them.

### **Software Agent Technology: An Overview**

Intelligent agents are often described schematically as an abstract functional system similar to a computer program. Researchers such as Russell & Norvig harvtxt error: no target: CITEREFRussellNorvig2003 consider goal-directed behavior to be the essence of intelligence; a normative agent can be labeled with a term borrowed from economics, "rational agent". In this rational-action paradigm, an AI possesses an internal "model" of its environment. This model encapsulates all the agent's beliefs ab

### **Intelligent agent - Wikipedia**

"Intelligent software agents are defined as being a software program that can perform specific tasks for a user and possessing a degree of intelligence that permits it to perform parts of its tasks autonomously and to interact with its environment in a useful manner." From Intelligent Software Agents Brenner, Zarnekow and Wittig.

### **software agents 18-feb-99**

Agent Classification The principal hazardous characteristics of an agent are: its capability to infect and cause disease in a susceptible human or animal host, its virulence as measured by the severity of disease, and the availability of preventive measures and effective treatments for the disease.

### **Agent Classification | Biosafety Program**

Software is defined as collection of computer programs, procedures, rules and data. Software Characteristics are classified into six major components: These components are described below: **Functionality:** It refers to the degree of performance of the software against its intended purpose.

### **Software Engineering | Software Characteristics ...**

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implemented. An agent is an autonomous software entity that can react to and act on its environment. It may also exhibit other characteristics, such as being proactive, which results in the entity not only reacting to the events that occur within its environment, but also acting based on its own internal desires.

### **An Introduction to Software Agents**

Subject: Re: characteristics of software agent systems From: daniel-ga on 22 Apr 2002 13:04 PDT : From the technical point of view, the term "software agent" seems to be a kind of buzzword that can be used on a lot of different algorithmic concepts. That's probably the reason why you did not find "the answer" yet.

### **Google Answers: characteristics of software agent systems**

Introduction □□ Mid 50's first ideas about software agents. □ John McCarthy, Oliver G. Selfridge. □ Today software agents are still a hot, diverse topic. □ distributed artificial intelligence, robotics, artificial life, distributed object computing, human-computer interaction, intelligent and adaptive interfaces, intelligent search and filtering, information retrieval, etc.

### **Software agents - LinkedIn SlideShare**

Drug-Drug Interactions . The effectiveness of a drug can often be reduced if the action of one drug diminishes the action of another. Since drugs are commonly classified by their mode and mechanism of action, any interaction affecting one drug will usually affect drugs of the same class, either by interfering with their absorption or the way in which the body metabolizes the drug.

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