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 Software agents have evolved from multi-agent systems (MAS), which in turn form one of three broad areas which fall under DAI, the other two being Distributed Problem Solving (DPS) and Parallel AI (PAI). Hence, as with multi-agent systems, they inherit many Software Agents: An Overview - Carleton PPT – Intelligent Software Agents Applications and

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definition. Has characteristics: – Something that acts on behalf of another – Is sociable, capable of meaningful interaction with other agents (and humans) – Can make decisions on our behalf – Is capable of adapting to changing environments and learning from user interaction – Is mobile software agents 18-feb-99 In artificial intelligence, an intelligent agent (IA) refers to an autonomous entity which acts, directing its activity towards achieving goals (i.e. it is an agent), upon an environment using observation through sensors and consequent actuators (i.e. it is intelligent). Intelligent agents may also learn or use knowledge to achieve their goals. Intelligent agent - Wikipedia This paper identifies the key aspects of software agents, then provides an overview of existing ontologies, and combines the best aspects of these schemes to propose a new all-inclusive... (PDF) A new classification scheme for software agents 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 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 A New Classification Scheme for Software Agents Aaron Hector and V. Lakshmi Narasimhan School of Electrical

Engineering and Computer Science, University of Newcastle, Australia A New Classification Scheme for Software Agents A good working definition is this: An intelligent agent is a software entity which senses its environment and then carries out some set of operations on behalf of a user (or a program), with some degree of autonomy, and in so doing employs some knowledge or representation of the user's goals or desires or in other words IA are software programs which work in the background to carry out specific, repetitive, predictable tasks for an individual user, business processor software application. Intelligent Agents: Characteristics and Applications | AI 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 The recent case of Software Incubator Ltd V Computer Associates UK Ltd [2016] EWHC 1587 has clarified that the sale of software licences through agents may be a 'good' and therefore caught by the Regulations, and subsequently organisations need to be aware of the impact this may have on their business. Commercial agents and the sale of licences for software ... Based on these diverse classification methods, some drugs may be grouped together under one system but not another. In other cases, a drug may have multiple uses or actions (such as the drug finasteride, which is used to treat an enlarged prostate or to regrow hair) and may be included in multiple drug classes within a single

classification system.

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