

INTEROPERABLE SYSTEMS AND METHODS FOR
PEER-TO-PEER SERVICE ORCHESTRATION

ABSTRACT

Embodiments of the present invention provide a method of authorizing access to a piece of electronic content on a computer system. The method may include the steps of receiving a request from a user of the computer system to access the piece of electronic content, retrieving a license associated with the piece of electronic content, the license comprising a control object, a controller object, a protector object, and a content key object; retrieving a control program from the control object; and executing the control program using a digital rights management engine running on the computer system to determine if the request may be granted, wherein executing the control program includes evaluating one or more link objects to determine if one or more conditions expressed by the control program are satisfied, wherein each link object represents a relationship between two entities, and wherein evaluating the one or more link objects includes determining whether a first node object associated with a first entity is reachable from a second node object associated with a second entity.

Figure 1