

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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(اقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ ﴿١﴾ خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ ﴿٢﴾ اقْرَأْ وَرَبُّكَ الْأَكْرَمُ ﴿٣﴾
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المخلص

تطوير او انشاء الأنطولوجيا القائمة على الشبكة الدلالية او semantic web لـ (S-NPF) لوصف وشرح المصطلحات terms والمفاهيم في نطاق المؤسسة وكذلك العلاقات التي تعقد بين تلك المفاهيم، والأنطولوجيا تستخدم الوصف الصريح للمصطلحات لكي يتم فهمها ، باستخدام لغة OWL ، RDFs,RDF ، SPARQL التي تعتمد على XML وهي لغة تقوم بتنظيم البيانات بطريقة لها معنى ، التي تستخدم في تصميم الصفحات HTML، والأنطولوجيا تعمل علي تحسين خدمة العملاء وسهولة وتبسيط الإجراءات وذلك عن طريق شرح تلك المصطلحات والأنطولوجيا يمكن أن تكون مفيدة للإنسان والآلة. وعند البدء في عمل الأنطولوجيا يجب اختيار برامج تحرير الأنطولوجيا المناسبة هي البرامج التي يستخدمها مطوري البرمجيات لإنشاء وتصحيح، والحفاظ صحة البيانات، وفي هذا البحث تم اختيار محرر Protégé لإنشاء الأنطولوجيا وهو برنامج مفتوح المصدر اي يتم تحميله مجانا وفي هذا البحث تم عمل الأنطولوجيا لتبادل المعلومات و تحدد نطاق المفاهيم و المصطلحات والعلاقات وإيجاد معنى لكل مصطلح .

الباحث

Abstract

Development ontology based on semantic web for (S-NPF) to describes the concepts in the domain and also the relationships that hold between those concepts, Ontology use explicit specifications that consisting of classes , relations between classes , individuals , axioms by using OWL, RDF, SPARQL languages depends on XML is a machine language which is abbreviated as Extensible mark-up language and it is used for documents like HTML, ontology can Improve customer service and the ease simplification of procedures leading to a better outlook on the level of response and can be usefully for human and machine. When starting out an ontology project must find a ontology software editor A programming tool or software development tool is a program that software developers use to create, debug, maintain, or otherwise support other programs and applications in these research used Protégé Ontology Editor /tool and the Ontology made must use by (S-NPF) to share domain information define the concepts and relationships and to find Meaning of terms to avoids misunderstanding.