



A Simple Distributed Identification Protocol for Triplestores

E. Arun Kumar Goud¹, M. Janga Reddy²

¹M.Tech student, Department of CSE, CMR institute of Technology, Dist. R.R, Hyderabad, AP, India
Email-id: arunkumar0078@gmail.com,

² Professor and principal, Department of CSE, CMR institute of Technology, Dist. R.R, Hyderabad, AP and India
Email-id: principalmrit@gmail.com

Abstract

OAuth is an [open standard](#) for [authorization](#). OAuth provides a method for clients to access server resources on behalf of a resource owner. It also provides a process for end-users to authorize third-party access such as games, and productivity applications access to user online private data to their server resources without sharing their credentials, using user-agent redirections. In this paper defines a simple identification protocol dedicated to triplestores which is universal and appropriate for the distributed environment. We propose a mechanism based on the HTTP standard, extended with OAuth Protocol and Semantic Web ontology. One can optionally adopt Transport Layer Security protocol. Here we present a scalable method that permits user authentication and authorization to triple stores with data integrity and confidentiality.

Keywords-- Authentication, authorization, access control list, triple store.

Full text: <https://sites.google.com/a/ijrit.com/papers/home/V1111129.pdf>