An IETF URN Sub-Namespace for OAuth

Abstract

This document establishes an IETF URN Sub-namespace for use with OAuth-related specifications.

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1. Introduction

Various extensions and companion specifications to the OAuth 2.0 Authorization Framework [OAUTH-V2] utilize URIs to identify the extension in use or other relevant context. This document creates and registers an IETF URN Sub-namespace, as documented in RFC 3553 [RFC3553], for use with such specifications. The new ‘oauth’ Sub-namespace is urn:ietf:params:oauth, and OAuth relevant parameters will be established underneath it.

2. Registration Template

If a registrant wishes to have an OAuth URI registered, then a URN of the form urn:ietf:params:oauth:<value> will be requested where <value> is a suitable representation of the functionality or concept being registered.

The registration procedure for new entries requires a request in the form of the following template and is "Specification Required" per RFC 5226 [RFC5226].

URN:
   The URI that identifies the registered functionality.

Common Name:
   The name by which the functionality being registered is generally known.

Change Controller: For Standards Track RFCs, state "IETF". For others, give the name of the responsible party. Other details (e.g., postal address, email address, and home page URI) may also be included.
2.1. Example Registration Request

The following is an example registration request for a URI underneath the urn:ietf:params:oauth Sub-namespace. The requested URI represents a new OAuth 2.0 grant type.

This is a request to IANA to please register the value "grant-type:example" in the registry urn:ietf:params:oauth established in an IETF URN Sub-namespace for OAuth.

- URN: urn:ietf:params:oauth:grant-type:example
- Common Name: An Example Grant Type for OAuth 2.0
- Change controller: IETF
- Specification Document: [the document URI]
Parameters" as defined by [OAUTH-V2]. Instructions for a registrant to request the registration of such a URN are in Section 2.

4.1. IETF URN Sub-Namespace Registration urn:ietf:params:oauth

Per RFC 3553 [RFC3553], IANA has registered a new URN Sub-namespace, urn:ietf:params:oauth.

- Registry name: oauth
- Specification: [this document]
- Repository: [The registry created in Section 2.]
- Index value: values subordinate to urn:ietf:params:oauth are of the form urn:ietf:params:oauth:<value> with <value> as the index value. It is suggested that <value> include both a "class" and an "identifier-within-class" component, with the two components being separated by a colon (":"); other compositions of the <value> may also be used.

5. References

5.1. Normative References


5.2. Informative Reference

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