W3C: Decentralized Identifiers (DIDs) 1.0

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Table 1: Data sheet for Decentralized Identifiers (DIDs) V1.0

Title	Decentralized Identifiers (DIDs) v1.0; Core architecture, data model, and representations
Acronym	DID
Version	1.0
Series	TR
Document Number	
Release Date	21 April 2020 – **Working Draft**
Download	https://www.w3.org/TR/2020/WD-did-core-20200421/

Note: The following is an excerpt from the W3C site. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.
Note: This specification is under active development; implementers are advised against implementing the specification unless they are directly involved with the W3C DID Working Group.

Abstract

Decentralized identifiers (DIDs) are a new type of identifier that enables verifiable, decentralized digital identity. A DID identifies any subject (e.g., a person, organization, thing, data model, abstract entity, etc.) that the controller of the DID decides that it identifies. These new identifiers are designed to enable the controller of a DID to prove control over it and to be implemented independently of any centralized registry, identity provider, or certificate authority. DIDs are URLs that associate a DID subject with a DID document allowing trustable interactions associated with that subject. Each DID document can express cryptographic material, verification methods, or service endpoints, which provide a set of mechanisms enabling a DID controller to prove control of the DID. Service endpoints enable trusted interactions associated with the DID subject. A DID document might contain semantics about the subject that it identifies. A DID document might contain the DID subject itself (e.g. a data model).

This document specifies a common data model, a URL format, and a set of operations for DIDs, DID documents, and DID methods.

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Last update: **2020/05/10 15:16**