

Decentralized Identifiers

- The WebDHT [8] proposes to use the block-chain for as an identifier space with immutable content in the block chain.
- Content is a JSON-LD document, so may be used as the target of a `@context`.
- Content will not change, so may be cached or distributed out-of-band.
- Content signed to guarantee veracity.

[8] <http://opencreds.org/specs/source/webdht/>

Linked Data Signatures

- Mechanism for signing Linked Data documents [9]
 - Part of the work of the Digital Verification Community Group [10]

```
{
  "@context": "https://w3id.org/identity/v1",
  "title": "Hello World!",
  "signature": {
    "type": "LinkedDataSignature2015",
    "creator": "http://example.com/i/pat/keys/5",
    "created": "2011-09-23T20:21:34Z",
    "domain": "example.org",
    "nonce": "2bbgh3dgjg2302d-d2b3gi423d42",
    "signatureValue": "OGQzNGVkmzM4NTIyZTkZDY...NmExMgoYzI43Q30DIy0WM32NjI="
  }
}
```

[9] <https://w3c-dvcg.github.io/ld-signatures/>

[10] <https://w3c-dvcg.github.io/>