dereference()   resolve()   read()

| DEREFERENCER | RESOLVER | DECENTRALIZED IDENTIFIER REGISTRY |

```
read( did, options ) --> ( did-document, metadata )

resolve( did, options ) --> ( did-document, metadata )

dereference( did-url, options ) --> ( content, metadata )
```

```
resolve( did, options ) --> ( did-document, metadata )
```

did = did:example:1234 **options** = ( )	**did-document** = DID document (default representation) **metadata** = DID document metadata (incl. MIME type)
did = did:example:1234 **options** = (no-cache=true)	**did-document** = DID document (default representation, not cached) **metadata** = DID document metadata (incl. MIME type)
did = did:example:1234 **options** = (result-type=<json or json-ld or cbor>)	**did-document** = DID document (requested representation) **metadata** = DID document metadata (incl. MIME type)

`dereference( did-url, options ) --> ( content, metadata )`

did-url = did:example:1234 **options** = ( )	**content** = DID document (default representation) **metadata** = DID document metadata (incl. MIME type)
did-url = did:example:1234 **options** = (no-cache=true)	**content** = DID document (default representation, not cached) **metadata** = DID document metadata (incl. MIME type)
did-url = did:example:1234 **options** = (result-type=<json or json-ld or cbor>)	**content** = DID document (requested representation) **metadata** = DID document metadata (incl. MIME type)
did-url = did:example:1234#key-1 **options** = ( )	**content** = Part of DID document (default representation) **metadata** = DID document metadata
did-url = did:example:1234;version-time=1002034 **options** = ( )	**content** = DID document (default representation, earlier version) **metadata** = DID document metadata
did-url = did:example:1234/my/path?testquery **options** = ( )	**content** = Determined by DID method and/or by DID controller **metadata** = Determined by DID method and/or by DID controller
did-url = did:example:1234;service=agent/profile?query **options** = ( )	**content** = (null) **metadata** = Selected service endpoint URL
did-url = did:example:1234;myparam=value **options** = ( )	**content** = Determined by parameter extension spec **metadata** = Determined by parameter extension spec