

CBOR Data Definition Language (CDDL)

draft-greevenbosch-appsawg-cbor-cddl-03

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Recap

- The CBOR Data Definition Language can be used to express the structure of CBOR data.
- It uses a “name : DataType” format.
- DataType can e.g. be a primitive type, such as int, tstr (text string) or float(32).
- DataType can also be a more complex structure, defined in object style fashion.
- Maps optionally can have predefined keys.

Example

```
Places: map(tstr) {  
    "name": tstr;  
    "coordinates": GpsCoordinates;  
}
```

```
*GpsCoordinates {  
    longitude: int;           # multiplied by 107  
    lattitude: int;          # multiplied by 107  
}
```

Changes in v03

- Updated according to implementation experience:
 - Added information about characters used in names
 - Added text about an overlapping data structure and order of definition of fields
 - Added text about encoding of keys in maps
 - Strings and integer writing conventions
- Added ABNF
- Added table with keywords

To Do

- Clarify “map” notation
 - Fix “NameComponents: map(tstr)” in section 4.5
- Fix language tag in example
- ...

Thank you!