

base SDF WGLC processing

ASDF interim, 2023-11-06
[draft-ietf-asdf-sdf-17](#)

Plan

- get reviews on -16
- process reviews into a -17
- submit -17 (yesterday)
- oops
- submit -18 (one missed PR, editorial pass)
- Publish to IESG

Changes to -17 and beyond

- editorial (sdfObject, "grouping", ...)
- new section 3.4 about top-level definitions
- content-format IANA assignment
- add "description" in info block
- JSON pointers **or local references** for sdfRequired →
 - affordance/grouping within this grouping by name
 - this very affordance/grouping

local references (sdfRequired)

```
"sdfObject": {  
  "temperatureWithAlarm": {  
    "sdfRequired": [  
      "#/sdfObject/temperatureWithAlarm/sdfProperty/currentTemperature",  
      "#/sdfObject/temperatureWithAlarm/sdfEvent/overTemperatureEvent"  
    ]  
  }  
}
```

```
local:  
  "sdfRequired": ["currentTemperature", "overTemperatureEvent"]
```

```
this:  
  "overTemperatureEvent": {  
    "sdfRequired": [true],  
    "...": "..."  
  }
```

Slides from Interim 2023-10-25

SDF additions (1) Infrastructure

SDF: Mapping files (sdf-mapping)

TO DO: Approach for representing instance information

(2) Tool Support

SDF: Compact Notation (sdf-compact)

→ can be Informational (or used in normative documents?)

Various translation tool descriptions, e.g.:
Mapping between YANG and SDF

(3) New qualities: Links

Extended relation information for SDF (asdf-relations)

An sdfType for Links (sdftype-link)

- Needs some work before WGLC
- integrate?
- instance vs. class support?

(4) New qualities: NEW

NEW: Extended information of SDF for Digital Twin
(Adding location information)

→ Start discussion

— needs instance vs. class support

NEW: draft-brinckman-nipc-00

Application Layer Interface for Non-IP device control
(NIPC)

Plan

- [] recharter
- [] Step 2
- [] profit