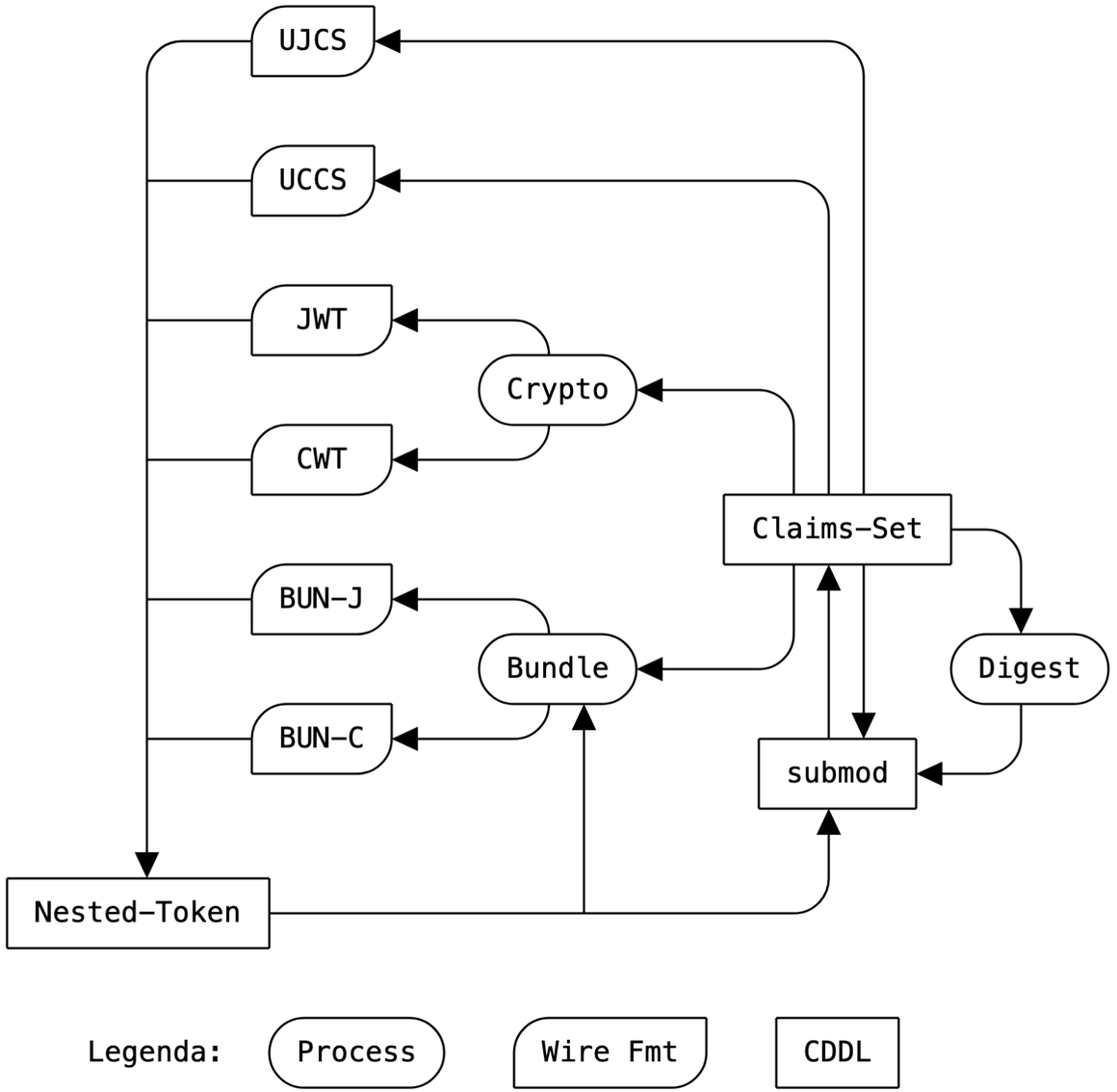
EAT Media Types

draft-ietf-rats-eat-media-type-01

RATS WG, IETF 115, London

Quick recap


UJCS
UCCS
JWT
Crypto
CWT
Claims-Set
BUN-J
Bundle
Digest
BUN-C
submod
Nested-Token
Legenda:
Process
Wire Fmt
CDDL

Base Types

Name	Template
EAT CWT	`application/eat-cwt`
EAT JWT	`application/eat-jwt`
Detached EAT Bundle CBOR	`application/eat-bun+cbor`
Detached EAT Bundle JSON	`application/eat-bun+json`
EAT UCCS	`application/eat-ucs+cbor`
EAT UJCS	`application/eat-ucs+json`

Changes since IETF 114

- `draft-lundblade-eat-media-type` adopted
- [Issue#4] Renamed `profile` to `eat_profile` for consistency with EAT
- [Issue#8] The DEB acronym is gone from EAT: shorthand is now "bun" from bundle
- [Issue#7], [Issue#9] Incorporate editorial suggestions from Carl and Dave

Open Issues

- [Issue#6] - new CoAP option for carrying the profile information (*non-blocking*)
- [Issue#10] - use cases and rationale
- [Issue#12] - early allocation of the media types

Early Allocation Questionnaire

✅ The code points must be from a space designated as "RFC Required", "IETF Review", or "Standards Action". Additionally, requests for early assignment of code points from a "Specification Required" registry are allowed if the specification will be published as an RFC.

✅ The format, semantics, processing, and other rules related to handling the protocol entities defined by the code points (henceforth called "specifications") must be adequately described in an Internet-Draft.

✅ The specifications of these code points must be stable; i.e., if there is a change, implementations based on the earlier and later specifications must be seamlessly interoperable.

❓ The Working Group chairs and Area Directors (ADs) judge that there is sufficient interest in the community for early (pre-RFC) implementation and deployment, or that failure to make an early allocation might lead to contention for the code point in the field.

Next Steps (find the bug, win a beer!)

```
func nextSteps(earlyAllocation bool) {
    waitChan := make(chan bool)

    if earlyAllocation {
        go IANA(waitChan)
    }

    for _, issue := range openIssues {
        if issue.isBlocking {
            sendPR(issue)
        }
    }

    <-waitChan

    submit(0x02)
}
```

```
func IANA(waitChan chan bool) {
    fmt.Println("do it!")

    // actually do it

    waitChan <- true
}
```