

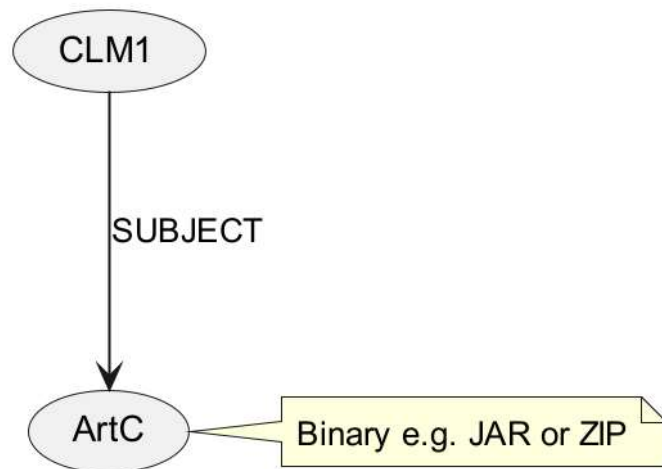
Expressing a confidence level for combinations of SW and HW

Moderator: Mattias Linnér - Ericsson

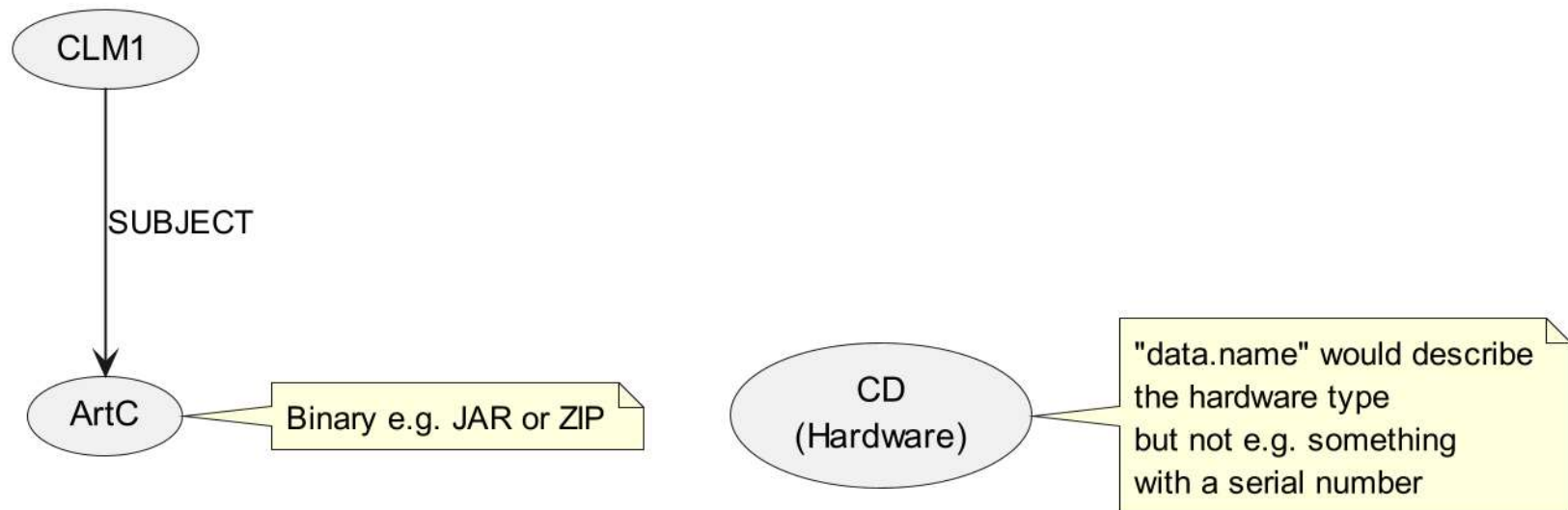
Background

- [Eiffel Community Discussion](#) - 2023-04-13
 - How do one express confidence in a combination of HW and SW?
 - Homework: Verify the proposal within your organization

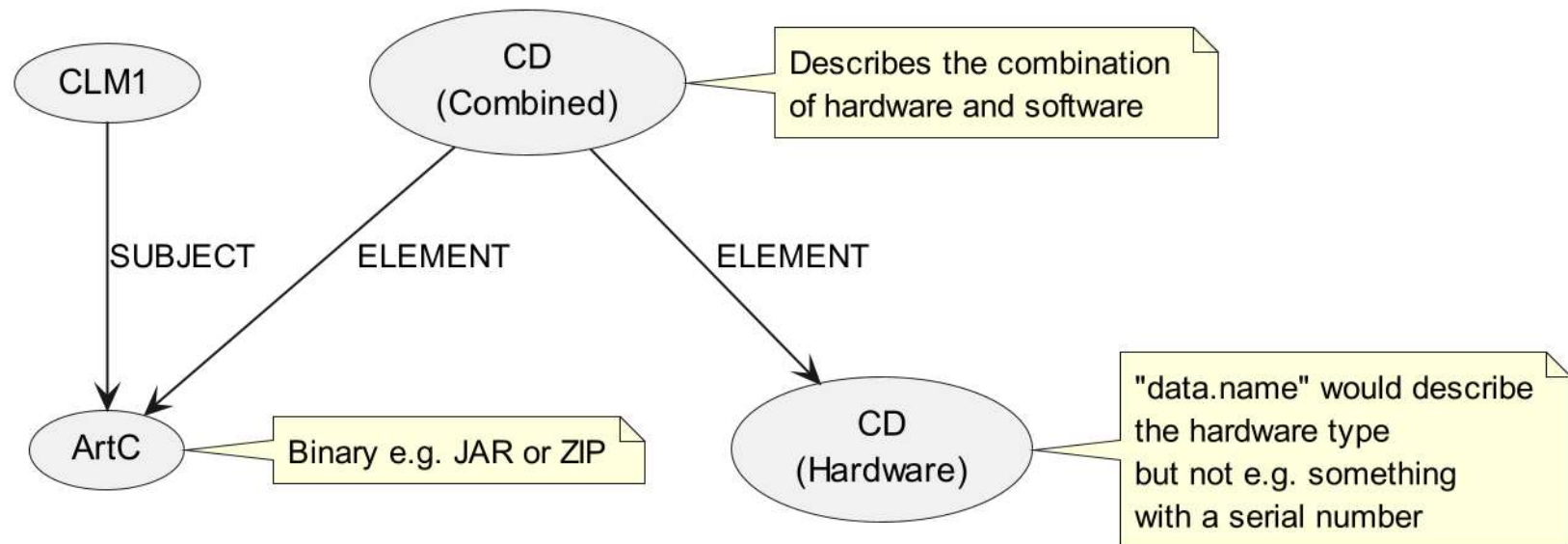
Proposal



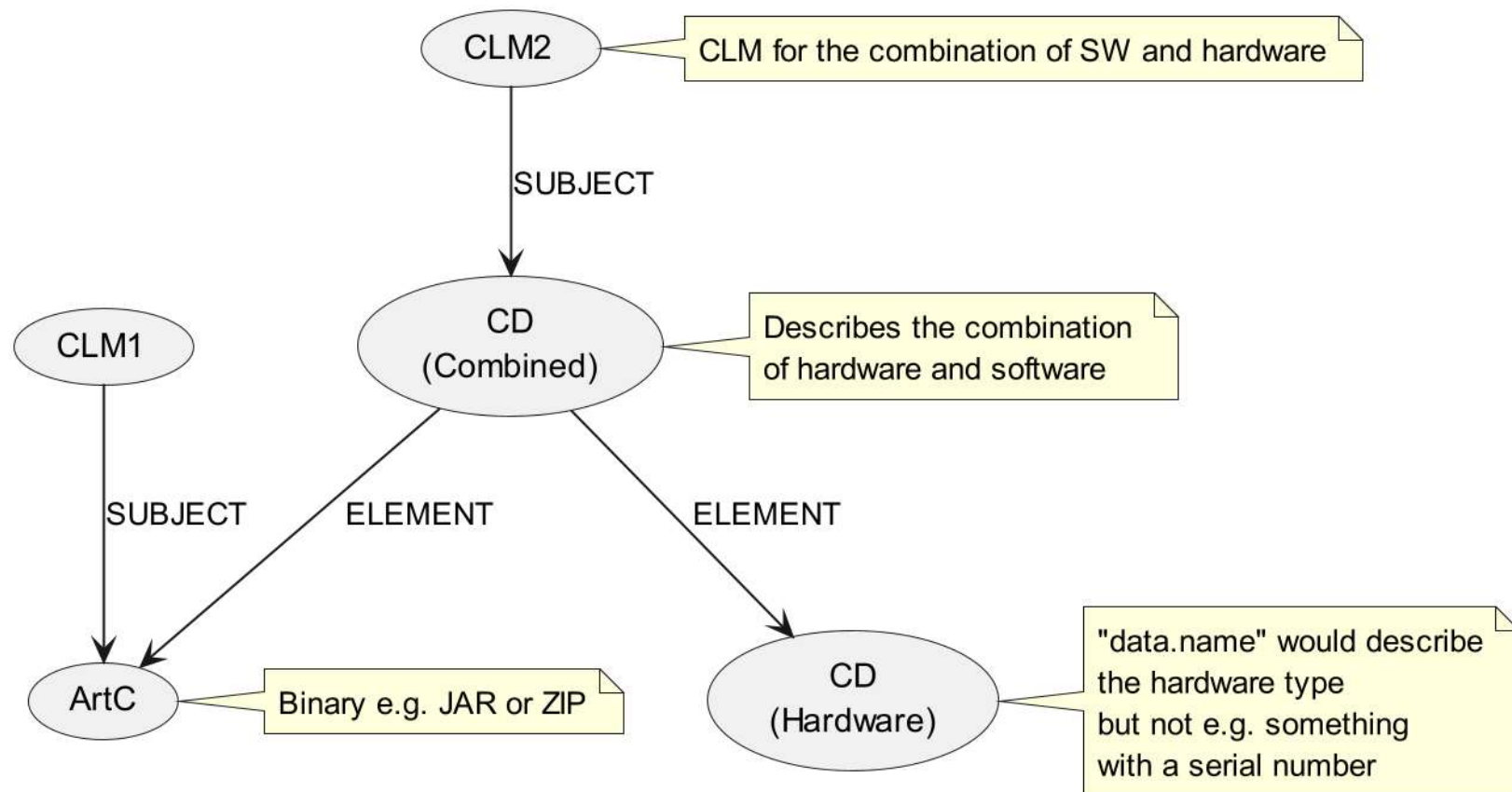
Proposal



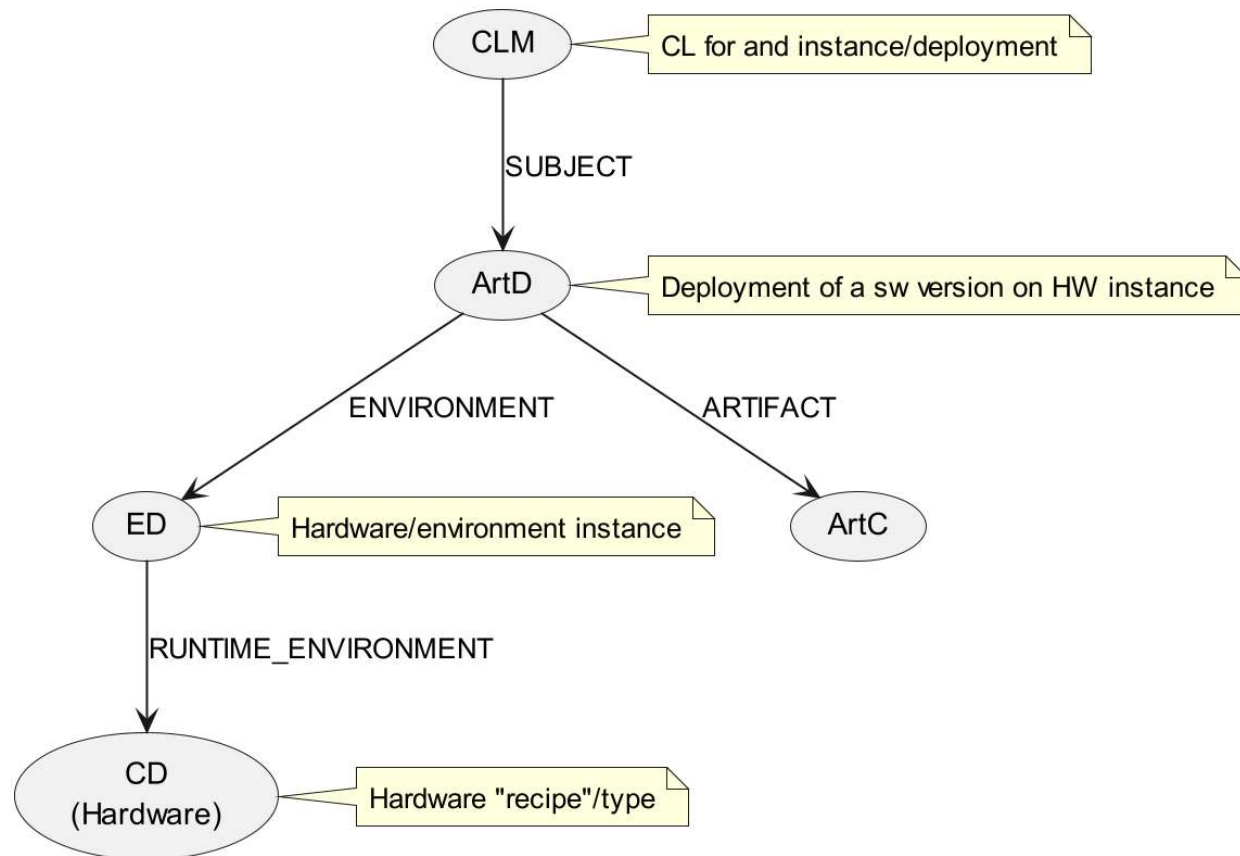
Proposal



Proposal



Artifact deployed



Questions?

@startuml

"CD\n(Hardware)" as (CD1) \$3
"CD\n(Combined)" as (CD2) \$2
(ArtC)
(CLM1)
(CLM2) \$1

note right of (CD1)
"data.name" would describe
the hardware type
but not e.g. something
with a serial number
endnote

note right of (CD2) : Describes the combination \nof hardware and software

note right of (ArtC) : Binary e.g. JAR or ZIP

note right of (CLM2) : CLM for the combination of SW and hardware

(CLM2) --> (CD2) : SUBJECT
(CD2) --> (CD1) : ELEMENT
(CD2) --> (ArtC) : ELEMENT
(CLM1) --> (ArtC) : SUBJECT

'hide \$3
'hide \$2
'hide \$1

@enduml

@startuml

"CD\n(Hardware)" as (CD) \$a

(ArtD)

(ED)

(CLM)

(ArtC)

note right of (CLM): CL for and instance/deployment

note right of (ArtD): Deployment of a sw version on HW instance

note right of (ED): Hardware/environment instance

note right of (CD): Hardware "recipe"/type

(CLM) --> (ArtD) : SUBJECT

(ArtD) --> (ED) : ENVIRONMENT

(ArtD) --> (ArtC) : ARTIFACT

(ED) --> (CD) : RUNTIME_ENVIRONMENT

@enduml