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Nota 1: per i submodel elements con kind = instance, l'attributo semanticId è stato omesso se la semantica del suddetto elemento è la stessa della semantica del suo tipo

Nota 2: le molteplicità 1 sono omesse nelle relazioni per questioni di leggibilità

id=http://www.test.com/aas-ahbw/1.0

<<AssetAdministrationShell>>
AAS_AHBW
- version = 1
- revision = 0

<<Asset>>
536631
- kind = Instance
id=http://www.test.com/536631

«ref» - asset

<<ConceptDictionary>>
ConceptDictionary
+dictionaries:1

<<Property>>
AssetSerialNumber
- kind = Type
- semanticId = http://www.test.com/002
- category = CONSTANT
- value: string
+submodelElements:1

id=http://www.test.com/identificationType

<<Submodel>>
Identification
- kind = Type
- semanticId = http://www.test.com/001
+submodels:1   identification

<<Property>>
AssetManufacturer
- kind = Type
- semanticId = http://www.test.com/005
- category = CONSTANT
- value: string
+submodelElements:2

<<Submodel>>
Identification
- kind = Instance
- semanticId = http://www.test.com/identificationType
id=http://www.test.com/identification4
+submodelElements:1

<<Property>>
AssetSerialNumber
- kind = Instance
- category = CONSTANT
- value = TODO

+submodelElements:2

<<Property>>
AssetManufacturer
- kind = Instance
- category = CONSTANT
- value = Fischertechnik

HasSemantics «ref»

<<File>>
DataSheet
- kind = Type
- semanticId = http://www.test.com/004
- mimeType: string
- value: string
+submodelElements:1
0..*

id=http://www.test.com/configurationType

<<Submodel>>
Configuration
- kind = Type
- semanticId = http://www.test.com/003
+submodels:2

<<Submodel>>
Configuration
- kind = Instance
- semanticId = http://www.test.com/configurationType
id=http://www.test.com/configuration4
+submodelElements:1

<<File>>
536631-Automated_High_Bay_Warehouse
- kind = Instance
- mimeType = application/pdf
- value = https://drive.google.com/file/d/15k3wBcavt V-Tv5XV1flkxuhFM9Y4GE0G/view?usp=sharing

HasSemantics «ref»

<<Operation>>
Retrieving
- kind = Type
- semanticId = http://www.test.com/028
+submodelElements:1

id=http://www.test.com/ahbWarehouseType

<<Submodel>>
AHBWarehouse
- kind = Type
- semanticId = http://www.test.com/026
+submodels:3

<<Submodel>>
AHBWarehouse
- kind = Instance
- semanticId = http://www.test.com/ahbWarehouseType
id=http://www.test.com/ahbWarehouse4
+submodelElements:1

<<Operation>>
Retrieving
- kind = Instance

HasSemantics «ref»

+ submodelElements: 2

<<Property>>
Terminal-MotorConveyorBelt
- kind = Instance
- semanticId = http://www.test.com/017
- category = VARIABLE
- terminalType = output (Q1)
- terminalNumber = 17
- description = motor conveyor belt
- value = 0.0

<<Operation>>
Retrieving
- kind = Type
- semanticId = http://www.test.com/028
+submodelElements:1

<<Property>>
Terminal
- kind = Type
- semanticId = http://www.test.com/009
- category = VARIABLE
- value: real
+ submodelElements: 5
0..*

id=http://www.test.com/terminalDataTemplate

<<DataSpecification>>
TerminalData
- description

HasDataSpecification «ref»

<<DataSpecificationContent>>
- terminalType: string
- terminalNumber: int
- description: string

A causa della mancanza di spazio, gli altri terminali del submodel non sono mostrati

+ submodelElements: 4

<<Property>>
Terminal-SwitchHorizontalAxis
- kind = Instance
- semanticId = http://www.test.com/040
- category = VARIABLE
- terminalType = input (I1)
- terminalNumber = 5
- description = reference switch horizontal axis
- value = 0.0

+ submodelElements: 3

<<Property>>
Terminal-SwitchVerticalAxis
- kind = Instance
- semanticId = http://www.test.com/040
- category = VARIABLE
- terminalType = input (I4)
- terminalNumber = 8
- description = reference switch vertical axis
- value = 0.0

<<ConceptDescription>>
Identification
- preferredName (EN) = Identification
- preferredName (IT) = Identificazione
- description (IT) = Submodel contenente informazioni sull'identificazione dell'Asset
id=http://www.test.com/001
+conceptDescriptions:1

<<ConceptDescription>>
AssetSerialNumber
- preferredName (EN) = Asset serial number
- preferredName (IT) = Numero seriale asset
- description (IT) = Numero seriale dell'asset
id=http://www.test.com/002
+conceptDescriptions:2

<<ConceptDescription>>
AssetManufacturer
- preferredName (EN) = Asset Manufacturer
- preferredName (IT) = Produttore dell'asset
- description (IT) = Produttore dell'asset
id=http://www.test.com/005
+conceptDescriptions:5

<<ConceptDescription>>
Configuration
- preferredName (EN) = Configuration
- preferredName (IT) = Configurazione
- description (IT) = Submodel contenente informazioni sulla configurazione dell'asset
id=http://www.test.com/003
+conceptDescriptions:3

<<ConceptDescription>>
DataSheet
- preferredName (EN) = DataSheet
- preferredName (IT) = DataSheet
- description (IT) = File contenente il datasheet dell'asset
id=http://www.test.com/004
+conceptDescriptions:4

<<ConceptDescription>>
Terminal
- preferredName (EN) = Terminal
- preferredName (IT) = Terminale
- description (IT) = Terminale di input o output
- unit = V
id=http://www.test.com/009
+conceptDescriptions:16

<<ConceptDescription>>
AHBWarehouse
- preferredName (EN) = Automated High-Bay Warehouse
- preferredName (IT) = Magazzino verticale automatizzato
- description (IT) = Submodel per la gestione dei pezzi nel magazzino
id=http://www.test.com/026
+conceptDescriptions:26

<<ConceptDescription>>
Retrieving
- preferredName (EN) = Retrieving
- preferredName (IT) = Recupero
- description (IT) = Operazione di recupero di un blocco di produzione dal magazzino
id=http://www.test.com/028
+conceptDescriptions:28

<<ConceptDescription>>
MotorTerminal
- preferredName (EN) = Motor terminal
- preferredName (IT) = Terminale motore
- description (IT) = Terminale relativo ad un motorino elettrico
- unit = V
id=http://www.test.com/017
+conceptDescriptions:17

<<ConceptDescription>>
SwitchTerminal
- preferredName (EN) = Switch Terminal
- preferredName (IT) = Terminale Switch
- description (IT) = Terminale relativo ad uno switch
- unit = V
id=http://www.test.com/040
+conceptDescriptions:40

<<ConceptDescription>>
ValveTerminal
- preferredName (EN) = Valve Terminal
- preferredName (IT) = Terminale Valvola
- description (IT) = Terminale relativo ad una valvola
- unit = V
id=http://www.test.com/025
+conceptDescriptions:25

<<ConceptDescription>>
CompressorTerminal
- preferredName (EN) = Compressor Terminal
- preferredName (IT) = Terminale Compressore
- description (IT) = Terminale relativo ad un compressore
- unit = V
id=http://www.test.com/027
+conceptDescriptions:27

<<ConceptDescription>>
LightTerminal
- preferredName (EN) = Light Terminal
- preferredName (IT) = Terminale Luce
- description (IT) = Terminale relativo ad una luce
- unit = V
id=http://www.test.com/032
+conceptDescriptions:32

<<ConceptDescription>>
LightBarrierTerminal
- preferredName (EN) = Light barrier Terminal
- preferredName (IT) = Terminale sensore luminoso
- description (IT) = Terminale relativo ad un sensore luminoso
- unit = V
id=http://www.test.com/041
+conceptDescriptions:41