Title: Part 13 – add HostInformationGetAssociatedInformationIDs

S-100 Maintenance - Change Proposal Form

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Change Proposal Type *(Select only one option)*

1.Clarification	2.Correction	3.Extension
	X	

Location (*Identify all change proposal locations*)

S-100 Version No.	Part No.	Section No.	Proposal Summary
5.0	13	13-8.2.1	See redlines

Change Proposal

Add function HostInformationGetAssocatedInformationIDs

Change Proposal Justification

Part 13 is missing support for the retrieval of Information associated with an information type instance. This functionality must be supported by Part 13 since Part 3 and Part 5 allow information types to be bound to other information types.

What parts of the S-100 Infrastructure will this proposal affect?

☐ S-100 Feature Concept Dictionary Interface or Database
☐ S-100 Portrayal Register
☐ S-100 Feature Catalogue Builder
☐ S-100 Portrayal Catalogue Builder
☐ S-100 UML Models
☐ S-100 GitHub Schemas

Please send completed forms and supporting documentation to the secretary S-100WG.

13-8.2.1.10 string[] HostInformationGetAssociatedInformationIDs(string *informationID*, string *associationCode*, variant *roleCode*)

Return Value:

string[]

A Lua array containing the associated information IDs.

Parameters:

informationID: string

Used by the host to uniquely identify an information instance.

associationCode: string

Code for requested association as defined by the Feature Catalogue.

roleCode: string or nil

Code for requested role as defined by the Feature Catalogue. Can be nil if *associationCode* by itself is enough to specify the association or if all roles defined by *associationCode* are desired.

Remarks:

When called, the host returns an array containing the information IDs associated with the given information instance that match *associationCode* and *roleCode*. If no matches are found the host returns an empty array.

The *roleCode* may be nil, in which case only the *associationCode* is used for lookup.