

OCF 2.0 – Clarification of rts and rts-m – Core Technology WG CR 2418

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Change the following spec text related to "rts-m"

7.8.2.4 Properties Describing an Array of Links

If a Resource Type that defines an array of Links (e.g. Collections, Atomic Measurements) has restrictions on the "rt" values that can be within the array of Links, the Resource Type will define the "rts" Property. The "rts" Property will include all "rt" values allowed for all Links in the array. If the Resource Type does not define the "rts" Property or the "rts" Property is an empty array, then any "rt" value is permitted in the array of Links.

For all instances of a Resource Type that defines the "rts" Property, the "rt" Link Parameter in every Link in the array of Links shall be one of the "rt" values that is included in the "rts" Property.

Table M. Resource Types Property definition

Property title	Property name	Value type	Value rule	Unit	Access mode	Mandatory	Description
Resource Types	rts	array	Array of strings, conveying resource Type IDs		R	no	An array of Resource Types that are supported within an array of Links exposed by a Resource.

If a Resource Type that defines an array of Links has "rt" values which are required to be in the array, the Resource Type will define the "rts-m" Property which will contain all of the "rt" values that are required to be in the array of Links. If "rts-m" is defined and "rts" is defined and is not an empty array, then the "rt" values present in "rts-m" will be part of the values present in "rts". Moreover, if the "rts-m" Property is defined, it will be mandated (i.e. included in the "required" field of a JSON definition) in the Resource Type definition.

For all instances of a Resource Type that defines the "rts-m" Property, there shall be at least one Link in the array of Links corresponding to each one of the "rt" values in the "rts-m" Property; for all such Links the "rt" Link Parameter shall contain at least one of the "rt" values in the "rts-m" Property.

Table N Mandatory Resource Types Property definition

Property title	Property name	Value type	Value rule	Unit	Access mode	Mandatory	Description
Mandatory Resource Types	rts-m	array	Array of strings, conveying resource Type IDs		R	no	An array of Resource Types that are mandatory to be exposed within an array of Links exposed by a Resource.