|  |  |  |  |
| --- | --- | --- | --- |
| **idShort:** | **RestServices** |  |  |
| **Class:** | **Submodel** |  |  |
| **semanticId:** | **[IRI] https://mondragon.com/ids/sm/7471\_5180\_3022\_3423** |  |  |
| **Parent:** | **RestServices** |  |  |
| **Explanation:** | **A submodel template for mapping device rest services@en, Una plantilla de submodelo para mapear propiedades de un servicio rest de un dispositivo@es** |  |  |
| **[SME type] idShort** | **semanticId = [idType]value Description@en** | **[valueType] example** | **card.** |
| [SMC] RestService | [IRI]https://mondragon.com/ids/cd/0422\_5130\_5022\_9484 Rest Service Rest Service Information about an individual Rest Service | [-] 6 elements | 1..\* |

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| --- | --- | --- | --- |
| **idShort:** | **RestService** |  |  |
| **Class:** | **SubmodelElementCollection** |  |  |
| **semanticId:** | **[IRI] https://mondragon.com/ids/cd/0422\_5130\_5022\_9484** |  |  |
| **Parent:** | **RestService** |  |  |
| **Explanation:** | **Information about an individual Rest Service@en, Información respecto a un Servicio Rest@es** |  |  |
| **[SME type] idShort** | **semanticId = [idType]value Description@en** | **[valueType] example** | **card.** |
| [Property] URL | [IRI]https://mondragon.com/ids/cd/0241\_0190\_3022\_9102 URL URL The rest service endpoint. Make sure it is reachable within the network. | [string] http://127.0.0.1/myRestService/?parameter1=val1 |  |
| [Property] Name | [IRI]https://mondragon.com/ids/cd/7052\_0190\_3022\_2921 Name - The name of the rest service | [string] My rest service name |  |
| [Property] Method | [IRI]https://mondragon.com/ids/cd/1561\_0190\_3022\_7753 Method Method The type of method | [string] GET POST PUT PATCH DELETE |  |
| [Property] IsAsync | [IRI]https://mondragon.com/ids/cd/2582\_3130\_5022\_8052 IsAsync IsAsync Specify whether or not the operation is executed asynchronously | [boolean] false true |  |
| [Property] RequestBody | [IRI]https://mondragon/ids/cd/6321\_8081\_5022\_2401 RequestBody - Payload or request body. The actual data to be sent to the HTTP rest endpoint. | [string] {} </> 0 text |  |
| [SMC] Response | [IRI]https://mondragon.com/ids/cd/2262\_0190\_3022\_6903 - - Service response | [-] 3 elements | 1..\* |

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| --- | --- | --- | --- |
| **idShort:** | **Response** |  |  |
| **Class:** | **SubmodelElementCollection** |  |  |
| **semanticId:** | **[IRI] https://mondragon.com/ids/cd/2262\_0190\_3022\_6903** |  |  |
| **Parent:** | **Response** |  |  |
| **Explanation:** | **Service response@en, Respuesta del servicio@es** |  |  |
| **[SME type] idShort** | **semanticId = [idType]value Description@en** | **[valueType] example** | **card.** |
| [Property] Code | [IRI]https://mondragon.com/ids/cd/9562\_0190\_3022\_6374 - - Responde code | [int] 200 201 |  |
| [Property] MediaType | [IRI]https://mondragon.com/ids/cd/4572\_0190\_3022\_0456 - - Media type | [string] application/json application/xml text/xml |  |
| [Property] ExampleValue | [IRI]https://mondragon.com/ids/cd/6192\_0190\_3022\_6082 ExampleValue - An example of response body | [string] {} </> 0 text |  |