How to use oneM2M’s standards to build open and interoperable IoT systems

(9) Flex Containers

www.oneM2M.org
Containers and FlexContainers

Colour Data Model using Containers and ContentInstances

FlexContainer
- red = 180
- green = 32
- blue = 37

FlexContainerInstance
- red = 180
- green = 32
- blue = 37

FlexContainerInstance
- red = 160
- green = 160
- blue = 163

Colour Data Model using FlexContainers and FlexContainerInstances

oneM2M Model: org.onem2m.common.moduleclass.colour
FlexContainer scenario steps

1. Create a <flexContainer> [colour] specialization resource
2. Update a [colour] resource
3. Retrieve a <flexContainer> resource
4. Enable <flexContainerInstance> resource
5. Retrieve <flexContainerInstance> resources