Ember+ Schema "Identity"

Specification

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1) General

This schema is intended to provide a standard way for an Ember+ provider to publish general information like product name, manufacturer, version etc.

2) Identifier

The identifier of this schema is **de.l-s-b.emberplus.identity**.

3) Scope

This schema defines the layout of an Ember+ node, defining the parameters it must contain as direct children.

4) Rules

1. An Ember+ node that implements this schema MUST contain the following parameters (parameter identifiers in **bold**):

   - **product**

     Syntax: EmberString

     Access: Read

     The product name

   - **company**

     Syntax: EmberString

     Access: Read

     String identifying the manufacturing company, optionally including a copyright notice

   - **version**

     Syntax: *App defined*

     Access: Read

     The provider may publish its version number in any fitting format (usually either EmberString or INTEGER). Only consumers specialized for this provider may interpret this parameter's value.

2. An Ember+ node that implements this schema MAY contain the following parameters:

   - **serial**

     Syntax: EmberString

     Access: Read

     The device serial number in a format defined by the manufacturer; only applicable if the product ships as a hardware unit

   - **role**

     Syntax: EmberString

     Access: Read/Write

     The administrator may set this parameter's value to any string that identifies the device or service. The provider is responsible for keeping this value persistent.

3. The identifier of the node that implements this schema MUST be **identity**.

4. This node MUST reside directly below a root node of the Ember+ tree.