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# Redfish API Schema Readme

**Information for Work-in-Progress version:**

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This document's normative language is English. Translation into other languages is permitted.

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## Foreword

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The following files are part of the Redfish Scalable Platforms Management API ("Redfish") development effort:

- DSP0226 - Redfish Specification - this file is the main Redfish Scalable Platforms Management API Specification.
- DSP2044 - Redfish Whitepaper - this is intended to be a non-normative document helping those new to Redfish understand how to interact with the Redfish Service and understand common functions and tasks.
- DSP2043 - Redfish Mockup - this is a mockup that can be used as sample of output from GETs from a Redfish Service. Informative in nature, it was used to develop the schema. A person can set up an NGINX or similar server and configure it to output JSON format and then use this directory for demonstration purposes.
- DSP8010 - Redfish Schema - this contains the Redfish Schema definitions. These files are normative in nature and are normatively referenced by the Redfish Specification. There are two Schema formats - CSDL (OData Common Schema Definition Language format which is in XML) and JSON Schema. These Schema definitions should be functionally equivalent, thus specifying the schema in two different languages.

## Redfish Work in Progress Schemas

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The following new schema files are released as Work in Progress documents.

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Schema File	Version	Date	Description
FirmwareInventory	0.9.0	2016-4-13	An entry for a single Firmware entity managed by a Redfish Service.
FirmwareInventoryCollection	0.9.0	2016-4-13	A collection of Firmware entities managed by a Redfish Service.
PCIeDevice	0.9.0	2016-4-13	The schema definition for the PCIeDevice resource. It represents the properties of a PCIeDevice attached to a System.
PCIeDeviceCollection	0.9.0	2016-4-13	A collection of PCIeDevice resources.

Schema File	Version	Date	Description
PCIEFunction	0.9.0	2016-4-13	The schema definition for the PCIEFunction resource. It represents the properties of a PCIEFunction attached to a System.
PCIEFunctionCollection	0.9.0	2016-4-13	A collection of PCIEFunction resources.
PCIEPort	0.9.0	2016-4-13	The schema definition for the PCIEPort resource. It represents the properties of a PCIEPort attached to a System.
PCIEPortCollection	0.9.0	2016-4-13	A collection of PCIEPort resources.
PCIESwitch	0.9.0	2016-4-13	This schema defines a PCIESwitch and its respective properties.
PCIESwitchCollection	0.9.0	2016-4-13	A collection of PCIESwitch resources.
PCIEZone	0.9.0	2016-4-13	The schema definition for the PCIE zone resource. It represents the properties of a PCIE zone created on the PCIE switch.
PCIEZoneCollection	0.9.0	2016-4-13	A collection of PCIEZone resources.
ServiceRoot	1.1.0	2016-4-13	Update to add link to the UpdateService.
UpdateService	0.9.0	2016-4-13	The Firmware Update Service. It represents the properties for the service itself and has link to a collection of inventory.

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