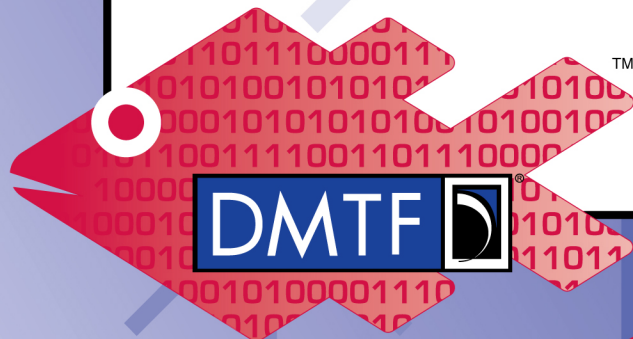




Redfish Model: Common Properties

Jeff Hilland

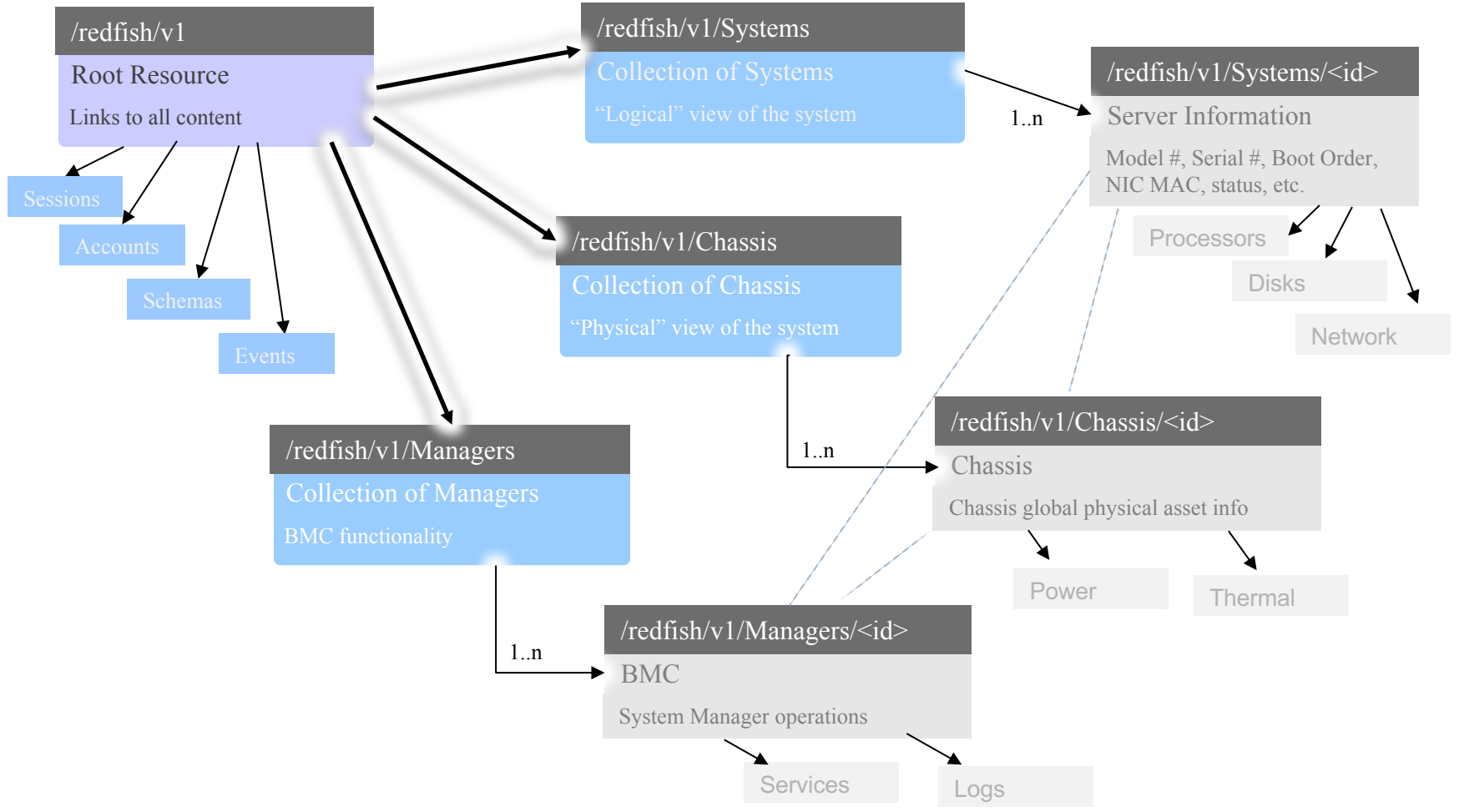
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Redfish



Resource map (highlights)





Some Common Properties:

- "@odata.type": This specifies the schema and version. It's of format "#<schema>.<version>.<entity>" and for Redfish schema and entity are the same name.
- "Id": A unique ID within the current URI. Usually the last segment.
- "Name": A human friendly name for the resource.
- "SystemType": Redfish uses XxxxxType to provide human context.
- "Status" {"State", "Health", "HealthRollUp"}.
- "Links" contains references to related resources .
- "Actions" is used to contain the list of actions supported.
- "OEM" is used to separate vendor extensions from the standard.
- "@odata.id" is the uri of the Resource – a "self" pointer.
- "@odata.context" is for generic odata clients – others can ignore it.
- "@Redfish.Copyright" is just a copyright statement and not meant to actually be in any of the resources returned by an implementation.



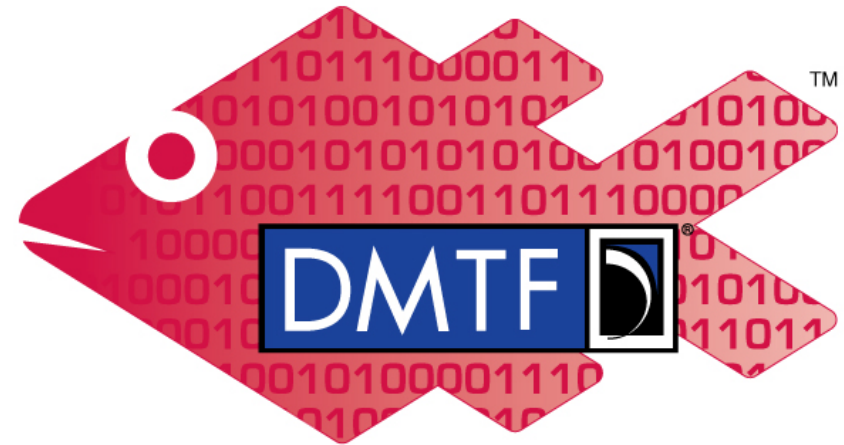
Annotations:

- Any property beginning with an “@” is an annotation.
- This is an OData mechanism for inserting additional information
- Example is @Redfish.Settings.
 - Anytime you see @Redfish.Settings in a resource, it indicates that the resource itself is not writable and instead changes made to it are made to the resource pointed to within the Settings object.
- There are other annotations as well
 - They are usually from OData or can be found in the Schema file called “Redfish”



Thank you for watching!

- Redfish Developer Portal
 - Redfish Interactive Explorer, Hosted Schema at Namespace & other links
 - <http://redfish.dmtf.org>
- Redfish Standards
 - Schemas, Specs, Mockups, White Papers, FAQ, Educational Material & more
 - <http://www.dmtf.org/standards/redfish>
- SPMF (WG that defines Redfish)
 - Companies involved, Upcoming Schedules & Future work, Charter, Information on joining.
 - <http://www.dmtf.org/standards/spmf>



Redfish