Resource map (highlights)

/redfish/v1
Root Resource
Links to all content

Sessions
Accounts
Schemas
Events

/redfish/v1/Managers
Collection of Managers
BMC functionality

/redfish/v1/Managers/<id>
BMC
System Manager operations

/redfish/v1/Managers/<id>
1..n

/redfish/v1/Chassis
Collection of Chassis
“Physical” view of the system

/redfish/v1/Chassis/<id>
Chassis
Chassis global physical asset info

/redfish/v1/Chassis/<id>
1..n

/redfish/v1/Systems
Collection of Systems
“Logical” view of the system

/redfish/v1/Systems/<id>
Server Information
Model #, Serial #, Boot Order, NIC MAC, status, etc.

/redfish/v1/Systems/<id>
1..n

Sessions
Accounts
Schemas
Events

/redfish/v1/Systems
Collection of Systems
“Logical” view of the system

/redfish/v1/Systems/<id>
Server Information
Model #, Serial #, Boot Order, NIC MAC, status, etc.

/redfish/v1/Systems/<id>
1..n

Processors
Disks
Network

/redfish/v1/Systems/<id>
Server Information
Model #, Serial #, Boot Order, NIC MAC, status, etc.

/redfish/v1/Systems/<id>
1..n

Power
Thermal

/redfish/v1/Systems/<id>
Server Information
Model #, Serial #, Boot Order, NIC MAC, status, etc.

/redfish/v1/Systems/<id>
1..n

Services
Logs

/redfish/v1/Systems/<id>
Server Information
Model #, Serial #, Boot Order, NIC MAC, status, etc.

/redfish/v1/Systems/<id>
1..n

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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