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Last modified at 1/28/2020 3:35 AM by $\Box\,$ FOSTER Mark [Edit this page]

Overview

- Example Model
- Example API Usage

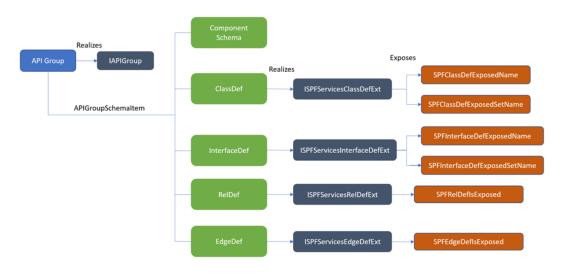
The SPF/SDx v3 Web API provides:

- Consistency/Compliancy with Hexagon OData standards
- Discoverable data definitions and vocabularies
- Metadata generation is via the Smart API SDK
 Entities are exposed with full object properties (strutural and navigation properties)
- Create/Update/Delete operations on exposed entities
 - The v2 Web API only allowed these operations via the Objects end-point

ClassDef and InterfaceDef types can be directly exposed to the v3 API, via the ISPFServices[ClassDef]InterfaceDef]Ext interface, and grouped via APIGroup SPF objects. The entity single and set names are configurable via properties on the ISPFServices[ClassDef|InterfaceDef]Ext interface. ComponentSchema instances can also be related to an APIGroup, which will exposed all componentized ClassDefs.

Entities can be accessed using the APIGroup and relevant entity alias in the URL path.

i.e. .../api/v3/[APIGroup]/[ClassDef|InterfaceDefAlias]



- For an example of the model changes required to expose Groups, Class and Interface Definitions See Example Model
- For example of using the Web API v3 to Query, Create, Update and Delete objects See Example API Usage

There are various request headers that affect behaviour of the Web API, these are described here