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XML Conventions



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General : Schema use

- When creating a schema, define the following
 - Default Element names : qualified
 - Default Attributes names : unqualified
 - Define a target namespace
 - Define an abbreviation for the target namespace

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General : Elements naming

- Two possibilities :
 - Element is a commonly known abbreviation
 - Element name is uppercase
 - Ex: <MFOB>18</MFOB>
 - MFOB : Minimum Fuel on Board
 - Element is not an abbreviation
 - 1st letter in uppercase
 - Then 1st letter of each word in uppercase
 - Ex: <ThisIsANewElement/>
 - Ex: <FuelHeader>...</FuelHeader>
- Mixing both
 - Abbreviation is uppercase
 - Eg: <ATCFlightPlan>...</ATCFlightPlan>

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General : Attributes Naming

- 1st letter is always in lowercase
 - Then 1st letter of each word is uppercase
 - Ex: <element thisIsAnAttribute="myAttribute"/>

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Typing & Grouping

- XML Schemas allow to create types for elements
 - A type is suffixed with the Type string
 - Ex: MyElementType is the type for <MyElement/>
- XML Schemas allow to create groups of elements
 - A group is suffixed with the '.Grp' string
 - Ex: subFolder.Grp
- XML Schemas allow to create attribute groups
 - An attribute group is suffixed with the ".AttGrp" string
 - Ex: document.AttGrp

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Type definition

- Use standard schema types as far as possible
 - Ex: time / date / boolean
- Define types for identifiers
 - Ex: @flightPlanID : Define a flightPlanIDType

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