

Presented by

Alain FOLNY
A380 Data Flow Applications Manager

XML Conventions



Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

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

© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 2



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>

© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 3



General : Attributes Naming

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

© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 4



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

© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 5



Type definition

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

© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 6



© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

This document and all information contained herein is the sole property of AIRBUS S.A.S.. No intellectual property rights are granted by the delivery of this document or the disclosure of its content. This document shall not be reproduced or disclosed to a third party without the express written consent of AIRBUS S.A.S. This document and its content shall not be used for any purpose other than that for which it is supplied.

The statements made herein do not constitute an offer. They are based on the mentioned assumptions and are expressed in good faith. Where the supporting grounds for these statements are not shown, AIRBUS S.A.S. will be pleased to explain the basis thereof.

AIRBUS, its logo, A300, A310, A318, A319, A320, A321, A330, A340, A350, A380, A400M are registered trademarks.



© AIRBUS S.A.S. All rights reserved. Confidential and proprietary document.

Use menu "View - Header & Footer" for Presentation title - Siglum - Reference

June 2005

Page 7