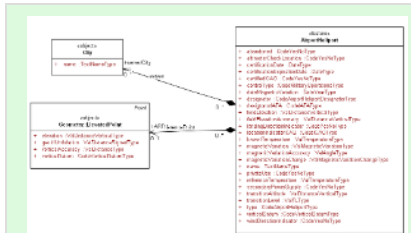


Overview

The purpose of this Web site is to explain the usage of the AIXM model and to enable the AIXM community to collaboratively develop guidance material in support to implementations, including information about known implementations. Contributions are welcome, both as simple comments and as content proposal, as explained on the [how to contribute](#) page.

The site is organised in three high-level areas of interest: AIXM concepts, AIXM applications and AIXM data sources. Editorial and text formatting conventions are explained here: [editorial conventions](#).

AIXM Concepts



- UML Model Overview
- Temporality Use Cases
- UML Model Conventions
- XML Schema generation

AIXM Applications

Coding Guidelines

Created by Marko Beckmann, last modified by Wolfgang Schaefer on Apr 23, 2017

Scope

These pages contain the AIXM 5 coding guidelines. The coding guidelines are grouped together in a set or subset of one or more PANS-AMM subject areas such as Airspace, Airport/airport, NavAid, etc. Each subject area is described in a separate Confluence page.

The coding guidelines cover those data items, which in the Mapping PANS-AMM Data Set to AIXM 5 are identified as minimum and conditional data.

The coding guidelines are written in regard to the provision of a full AIP data set, i.e. as they data would have to be provided as a BASELINE instance. Considerations regarding the provision of data as PERIODIC or TEMPORAL instances are not made unless explicitly mentioned in the guidelines (for detailed information about the different interpretations of AIXM instances see <http://www.aixm.aero/page/data-coding-guidelines>).

How to Read

The Confluence page for each subject area is structured as follows:

Purpose and Scope

At the beginning of each page it is described, which subject area(s) defined in PANS-AMM is covered in the page and an overview of the scope (i.e. what data is covered) by the guidelines is provided.

AIXM Model Overview

Each of these pages provide an Overview of the AIXM 5 model (i.e. AIXM 5 classes) used to encode the data of the subject area.

Coding Topics

Depending on the complexity of the AIXM model, the Overview section may be succeeded by one or more sections) each of it dealing with a type of the subject area (e.g. Basic data, Geometry, Units providing services, etc.). The coding topics provide detailed explanations about the relevant AIXM 5 features and properties. They also contain the coding guidelines and recommendations for data items or group of data items.

AIXM Coding Guidelines

- (ICAO) AIP Data Set
- Digital NOTAM
- Shared topics (geometry, schedules, etc.)
- AIXM Business Rules

AIXM Extensions

- How to create an extension

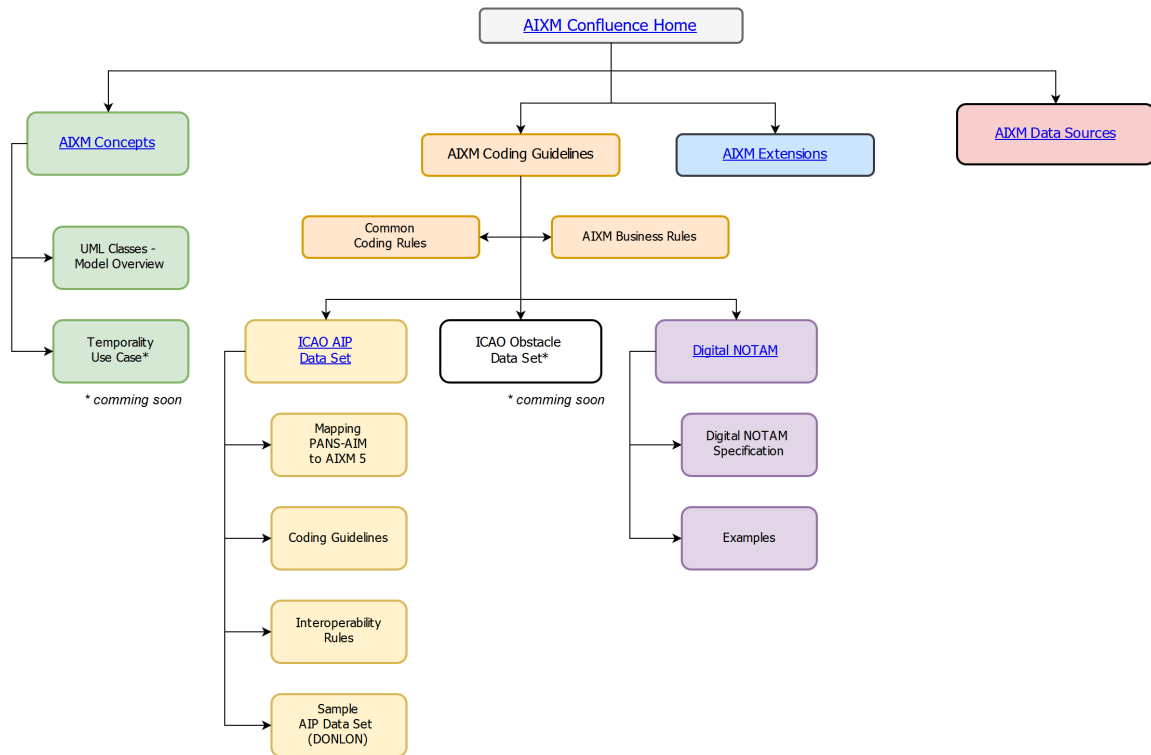
AIXM Data Sources

Presented as:

- map of the World
- list of sources

Site tree

The AIXM Confluence site is organised in "Spaces", each dedicated to a specific topic or sub-topic. Each space is a collection of pages, organised as a tree. A page may have other child pages. The following diagram shows the high-level structure of these spaces, with the sections that are part of the same space sharing a common background color.



Space Shortcuts

In case you have the sidebar expanded on the left-hand side, besides the table of content you will find also some Space Shortcuts on top.

This are external links (e.g. to [AIXM.aero](#)) or internal links (e.g. to other spaces such as the '[AIXM Coding Overview](#)').
