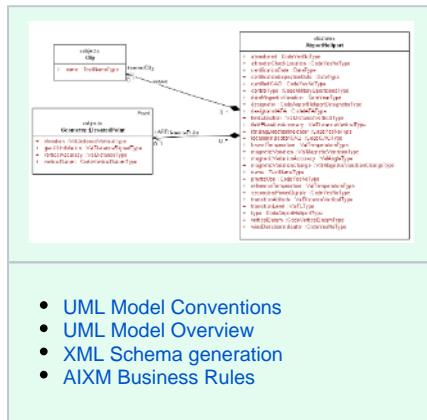


Overview

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



AIXM Applications

Coding Guidelines
Creating initial document, last modified by mrgreg on 14/07/2011

Scope
These pages describe the AIXM 5 coding guidelines. The coding guideline are grouped together in a left sidebar or more detailed sections for specific areas like Airports, Aerodromes, Airspace, Airports, Obstacles, Aerodrome Mapping Data Sets, etc.

The coding guidelines cover these data items, which have mapping from AIXM 5.0 to ICAO 5.0:

AIXM 5 are described as terminologies and conceptual sets.

The coding guidelines are written for the benefit of those who implement AIXM 5.0. They also serve as a reference for those who are new to AIXM 5.0. Translations regarding the provision of data as MSG5010 or MSG5011 to providers are not made unless explicitly requested. The coding guidelines are not intended to be prescriptive, but rather provide general guidance and recommendations for how to implement the AIXM 5.0 standard.

How to Read
See [Coding](#) for page for which subject area is detailed in tables.

Purpose and Scope
At the beginning of each page it is described, what's subject area(s) defined in MSG5010 AIXM is covered in the page and its overview of the scope (i.e. what data is covered by the guideline etc.) is posted.

Accessing
Each of these pages provide an overview of the AIXM Standard (i.e. AIXM 5.0) elements used. To get code in 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 them dealing with a topic of the subject area (e.g. basic data, geometry, third party services, etc.). The coding topics provide detailed explanations about the relevant AIXM 5.0 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
- (ICAO) Obstacle Data Sets
- (ICAO) Aerodrome Mapping Data Sets
- Digital NOTAM
- Shared topics (geometry, schedules, Event extension, etc.)
- Temporality Use Cases
- Interoperability

AIXM Extensions

- How to create an extension
- Event Extension

AIXM Data Sources

A world map showing the locations of AIXM data sources around the globe. The map highlights major continents and includes a legend in the top right corner.

Presented as:

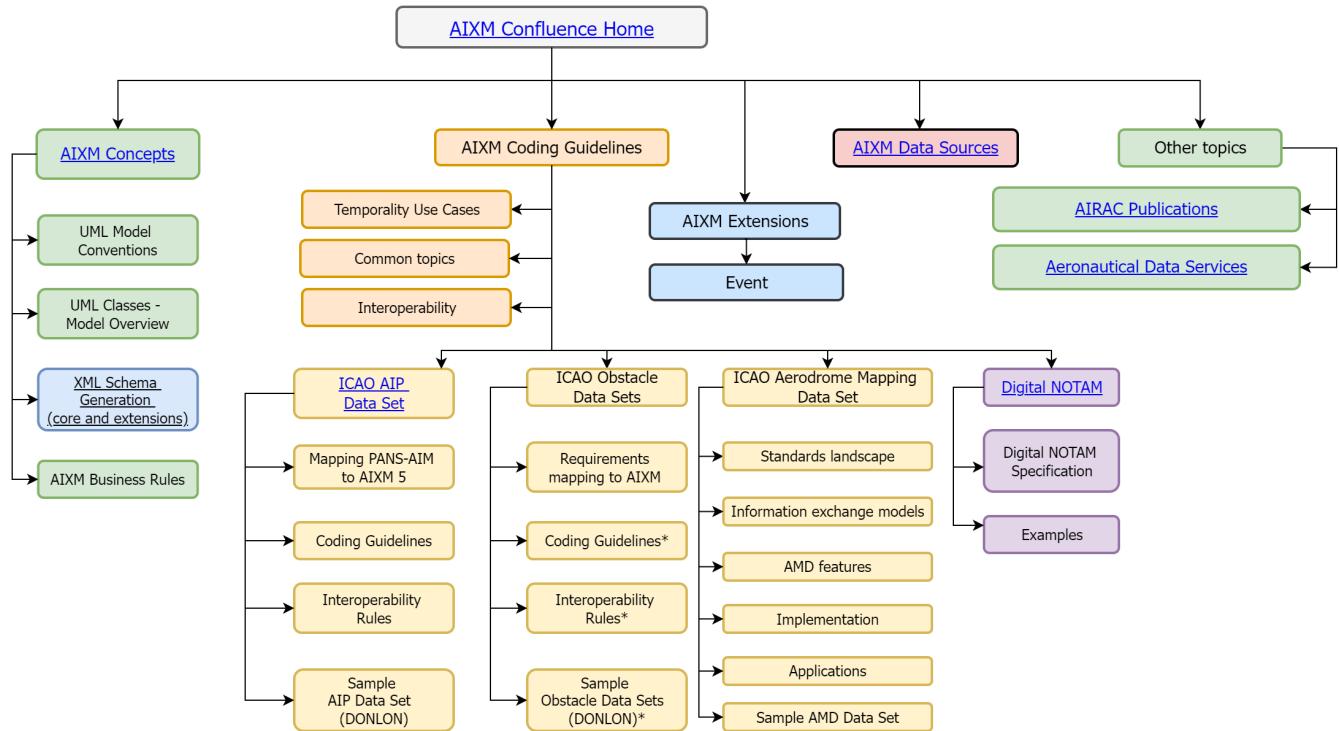
- map of the World
- list of sources

Other topics

- AIRAC publications overview
- Data Set Distribution Services

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.



* Work in progress

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. These may be external (e.g. to [AIXM.aero](#)) or internal (e.g. to other spaces such as the '[AIXM Coding Overview](#)').
