

Sam Buckwalter

From: Baker Jr., David E <dbaker@mitre.org>
Sent: Monday, October 1, 2018 10:34 AM
To: Sam Buckwalter
Subject: XML Item

Sorry for the delay.

1 Agenda

The XML was released and there are several items identified from industry prototyping efforts. The fixes will represent a series of draft XML versions.

1.1 Items to consider:

Pre-Release Notes - ARINC 424 - Version Supp23_Draft1

** Bug

- * [ARINC-153] - Procedure Fix Reference
- * [ARINC-155] - Cruise Table - Course From and To are missing
- * [ARINC-157] - Runway is missing the Runway Surface Code field
- * [ARINC-159] - Misspellings in Schemas
- * [ARINC-160] - Supp Data Add Point Typo
- * [ARINC-161] - Boolean Elements should have default = false
- * [ARINC-162] - Naming of Boolean Elements
- * [ARINC-163] - IDREF consistency
- * [ARINC-164] - Order of Legs in a Route

** Task

- * [ARINC-143] - On company airways, move all "toFixRef"s for procedures up to the "Via" level
- * [ARINC-144] - Add Standard/Tailored enumeration fields to procedures, and to airway segments
- * [ARINC-145] - Create a naming convention for Airway segment identifiers
- * [ARINC-156] - Company Route - AlternateRef field
- * [ARINC-158] - WaypointDescriptor should be optional for SID, STAR, and Approach Legs
- * [ARINC-165] - Large File Sizes

** Story

- * [ARINC-142] - Support 6 and 7 Character Procedure Idents
- * [ARINC-146] - List of misc issues found during schema review
- * [ARINC-147] - List of additional potential issues found during schema reviews
- * [ARINC-154] - Consider adding legacy 424-18 enumeration values

** Sub-task

- * [ARINC-148] - Differentiate between ILS/DME vs. ILS/TAC
- * [ARINC-149] - Move custAreaCode and airwayRouteType from Airway to airwaySegment
- * [ARINC-150] - David's Items
- * [ARINC-151] - Allow runways with no lat/long

1.1.1 Task Characterization

The following is a graphic on the overall to-do/done/in-progress status of the work items.

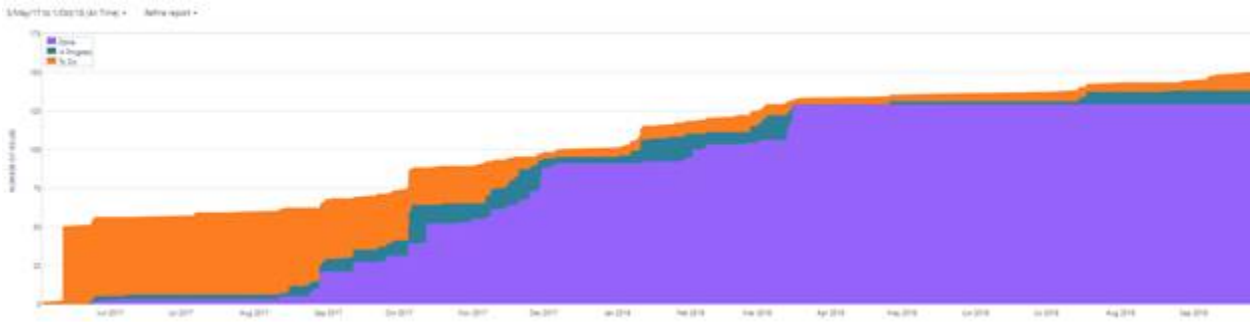


Figure 1 Overall Progress report for ARINC 424 XML

The following is a pie chart showing what types of issues we have in total.

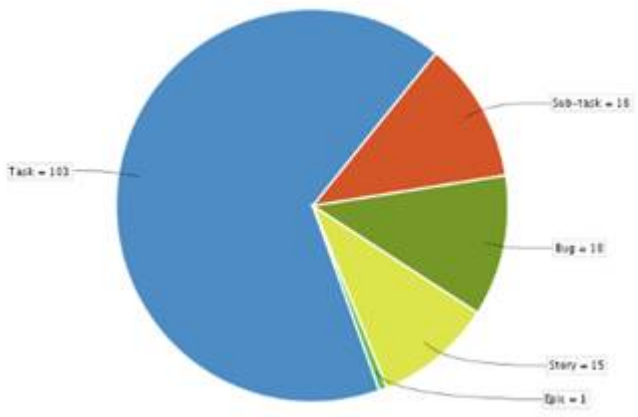


Figure 2 Pie chart showing issues types in ARINC 424 XML

1.2 Group Decisions to Be Made

Do we want to continue in the old draft cadence where we work multiple drafts between meetings? I believe the group can support this for at least CY18-CY19.

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