

Remove Filed and Ranked RouteTrajectories

CR Number (ID): 160		Submission Date: 5/4/2022	
GENERAL INFORMATION (AUTHOR TO COMPLETE)			
Author	FAA FIXM Development Team		
Brief Description (Subject)	The FF-ICE IG no longer includes representation for Filed and Ranked RouteTrajectories. As such, they should be removed from the FIXM model		
Priority*	<input type="checkbox"/> Immediate	<input checked="" type="checkbox"/> High	<input type="checkbox"/> Medium <input type="checkbox"/> Low
Scale*	<input type="checkbox"/> Major	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Minor
Expected Impact to Implementers*	<input type="checkbox"/> High	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Low <input type="checkbox"/> None
Target FIXM Component(s)	<input checked="" type="checkbox"/> FIXM Logical Model <input type="checkbox"/> FIXM Application <input checked="" type="checkbox"/> FIXM XML Schemas <input type="checkbox"/> Other Specify...		
Target FIXM Release	<input checked="" type="checkbox"/> FIXM Core Version 4.3.0 <input type="checkbox"/> Application Version		
Related FIXM CRs			
Motivation / Change Reason	<input checked="" type="checkbox"/> Requirement <input type="checkbox"/> Functionality/Operability <input type="checkbox"/> Maintenance <input type="checkbox"/> Defect <input type="checkbox"/> Other Specify....		

* Optional fields; FIXM Secretariat may update during review

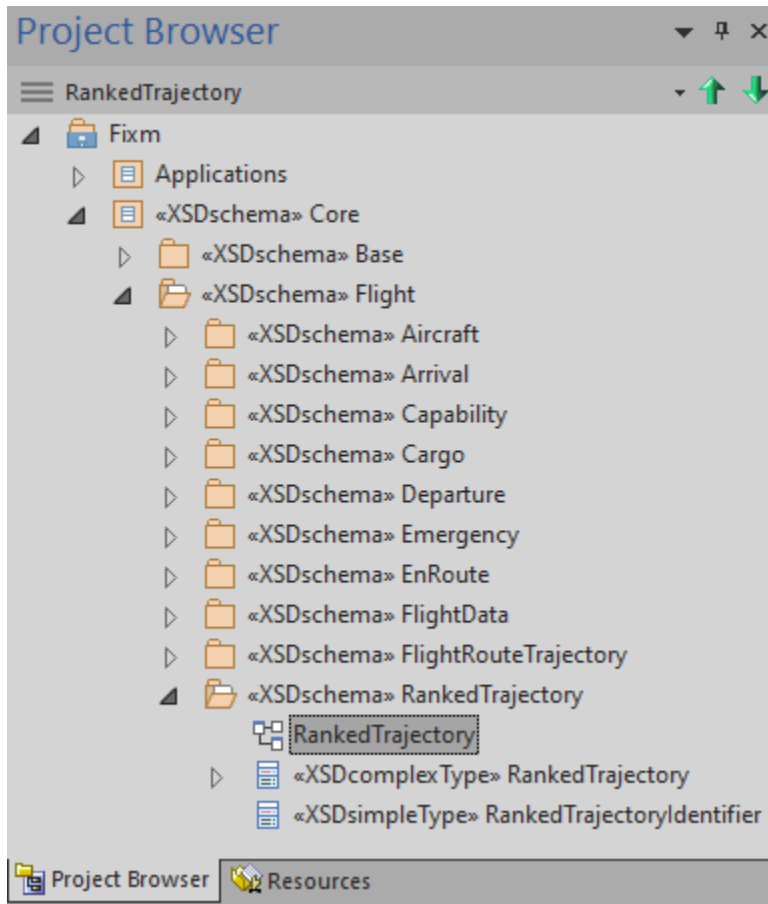
MOTIVATION / CHANGE REASON DESCRIPTION (AUTHOR TO COMPLETE)

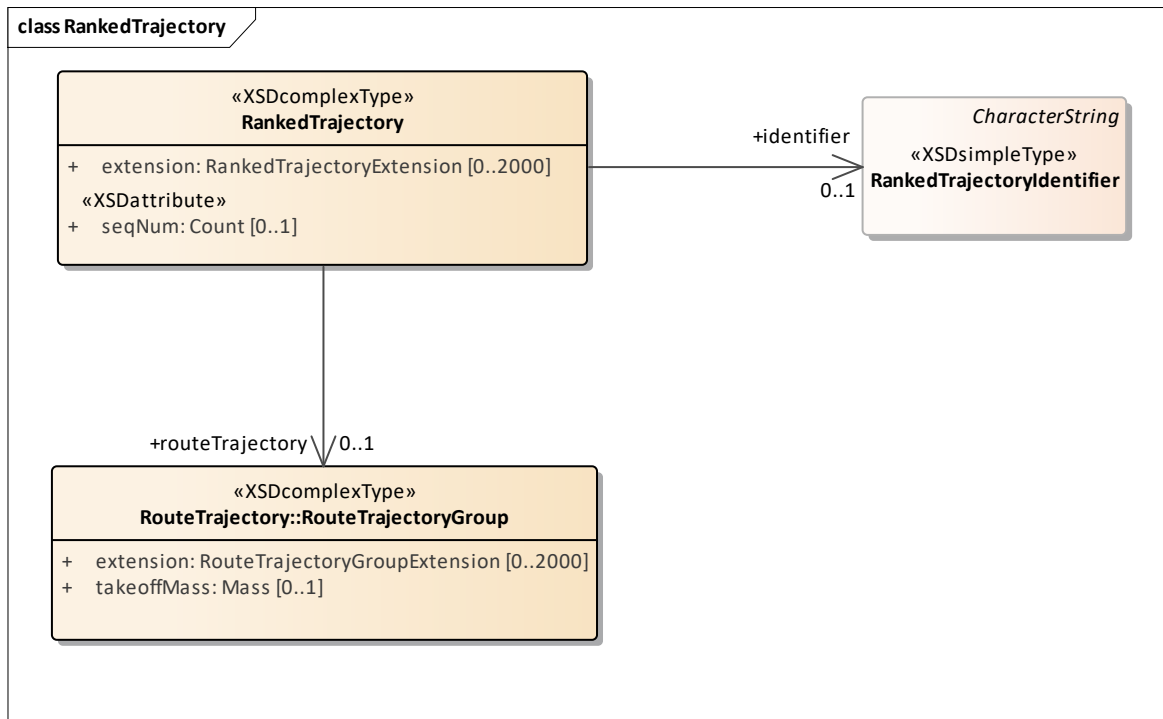
The FF-ICE IG used to allow for five¹ different kinds of RTGs: Filed, Desired, Negotiating, Ranked, and Agreed. The latest version of the FF-ICE IG (0.98 as of this CR being written) section 10.1.1 now only describes three types: Desired, Negotiating, and Agreed. The FIXM model needs to be updated to align with these changes.

¹ Note that, in addition to the five RTGs required by FF-ICE, FIXM also includes a sixth RTG named "current" that is present to support requirements from the PANSATM 4444. That RTG is not impacted by this CR.

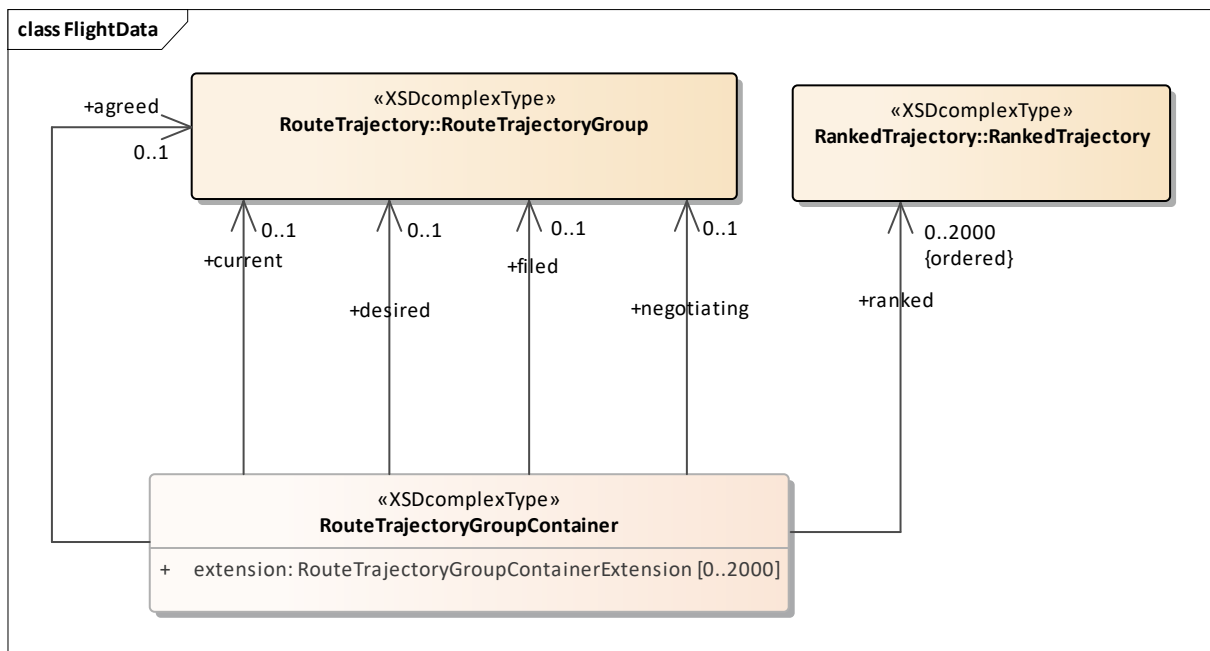
PROPOSED CHANGE (AUTHOR TO COMPLETE)

The FIXM model has an entire package dedicated to representing Ranked RTGs.

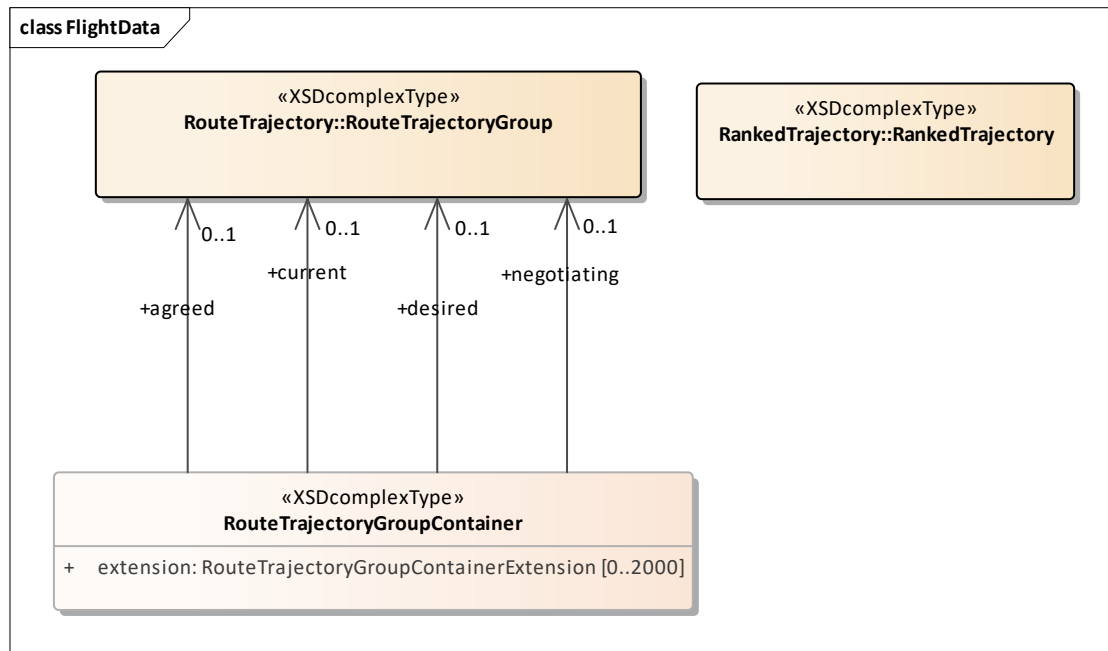




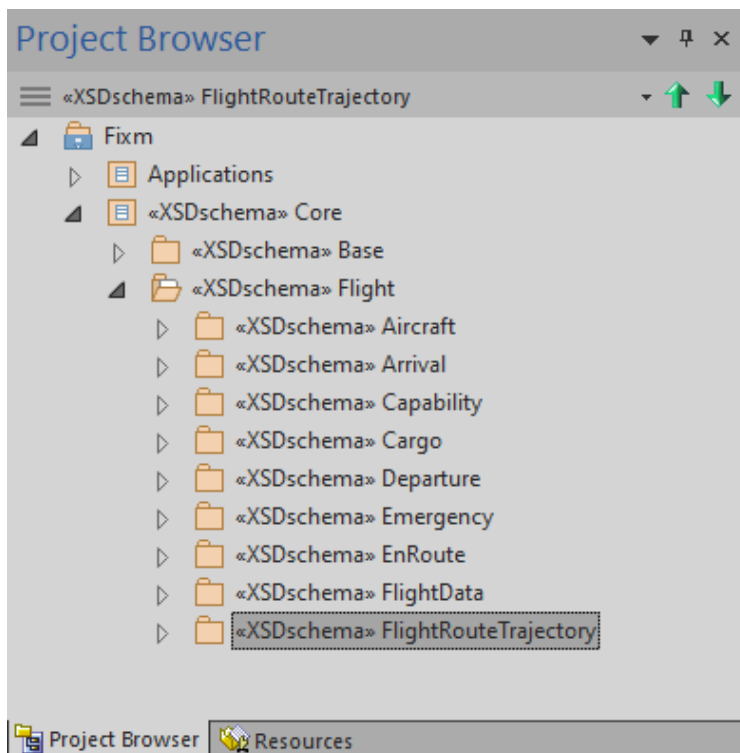
All other RTGs are represented in the model only as associations between the **RouteTrajectoryGroupContainer** class and the **RouteTrajectoryGroup** class in the **FlightData** package.



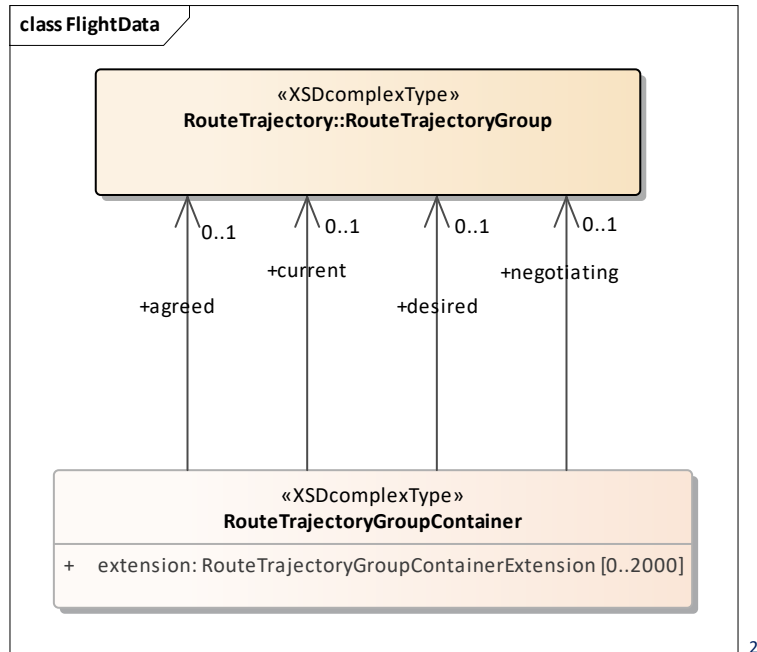
To remove the Filed and Ranked RTGs, first delete the “filed” association between the RouteTrajectoryGroupContainer class and the RouteTrajectoryGroup class and the “ranked” association between the RouteTrajectoryGroupContainer class and the RankedTrajectory class.



Next, delete the RankedTrajectory package entirely.



When finished, you should only have the “agreed”, “current”, “desired”, and “negotiating” associations left and the RankedTrajectory package and class should be entirely gone from the model.



CCB SECRETARIAT				
External Standard Consistency Checked	<input type="checkbox"/> AIDX <input type="checkbox"/> AIRM			
CR Status	<input checked="" type="checkbox"/> Proposed	<input type="checkbox"/> Implemented	<input type="checkbox"/> Withdrawn	<input type="checkbox"/> Rejected
Decision Date	Click or tap to enter a date			
Implemented in	Enter version in which this CR is first implemented.			
Comments	Click or tap here to add any additional information or comments.			

IMPLEMENTATION NOTES (CCB SECRETARIAT TO COMPLETE)

CCB Secretariat notes on any deviations that were required during implementation.

² Again, note that the “current” RTG, required by the PANSATM 4444, is not impacted by this change and will remain in the model as is.