

OpenFMB DataModel - OpenFMBIssues #7135

2.2 Data Model Development

02/24/2025 12:13 PM - Owen Wu

<b>Status:</b>	Closed	<b>Start date:</b>	02/10/2025
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Owen Wu	<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>		<b>Version:</b>	2.2
<b>Final Decision:</b>		<b>Needs More Information:</b>	No
<b>Closed Reason:</b>	--Not Set---		
<b>Breaking Change:</b>			
<b>Description</b> 1 ( <b>Done</b> -Owen)Data model development and schema verification: Requirement analysis and gathering, referencing existing standards, updating and refining UML 2 ( <b>Done</b> -Owen)Generate Protobuf files from the data model: Validate the data model by generating Protobuf files using the appropriate plugins (e.g., EA OpenFMB Protobuf Exporter). 3 ( <b>Done</b> -CoryN)Generate code from Protobuf files: Generate language-specific bindings (e.g., C++, Rust, Python, Java, C#) to validate data model compatibility. 4 ( <b>Done</b> -CoryN)Conduct testing with physical devices and gateways: Test the data model integration with physical devices, gateways, adapters, and test harnesses. 5 ( <b>Done</b> -Owen)Collect feedback and refine the data model: Incorporate feedback from testing into the data model, addressing bugs, gaps, or inconsistencies.			
<b>Proposed Solution</b> <a href="https://3.basecamp.com/3682944/buckets/25710811/uploads/4562065758">https://3.basecamp.com/3682944/buckets/25710811/uploads/4562065758</a>			
<b>Related issues:</b>			
Related to OpenFMB DataModel - OpenFMBIssues #7136: 2.2 Data Model Pre-release		<b>Accepted</b>	<b>02/24/2025</b>
Related to OpenFMB DataModel - OpenFMBIssues #7138: 2.2 Data Model Ready to R...		<b>Accepted</b>	<b>02/24/2025</b>
Related to OpenFMB General - OpenFMBIssues #7110: Preparation for the 2.2 rel...		<b>Closed</b>	<b>01/22/2025</b>

History

- #1 - 02/24/2025 12:13 PM - Owen Wu
- Assignee set to Owen Wu
- #2 - 02/24/2025 12:13 PM - Owen Wu
- Status changed from New to Triage
- #3 - 02/24/2025 12:13 PM - Owen Wu
- Status changed from Triage to Accepted
- #4 - 02/24/2025 12:13 PM - Owen Wu
- Status changed from Accepted to In Progress
- #5 - 02/24/2025 12:17 PM - Owen Wu
- Related to OpenFMBIssues #7136: 2.2 Data Model Pre-release added
- #6 - 02/24/2025 12:25 PM - Owen Wu
- Related to OpenFMBIssues #7138: 2.2 Data Model Ready to Release added
- #7 - 02/24/2025 12:26 PM - Owen Wu
- Version set to 2.2
- #8 - 02/24/2025 12:46 PM - Owen Wu

- Related to OpenFMBIssues #7110: Preparation for the 2.2 release in Distributech added

**#9 - 03/05/2025 02:17 PM - Owen Wu**

- Status changed from In Progress to Closed