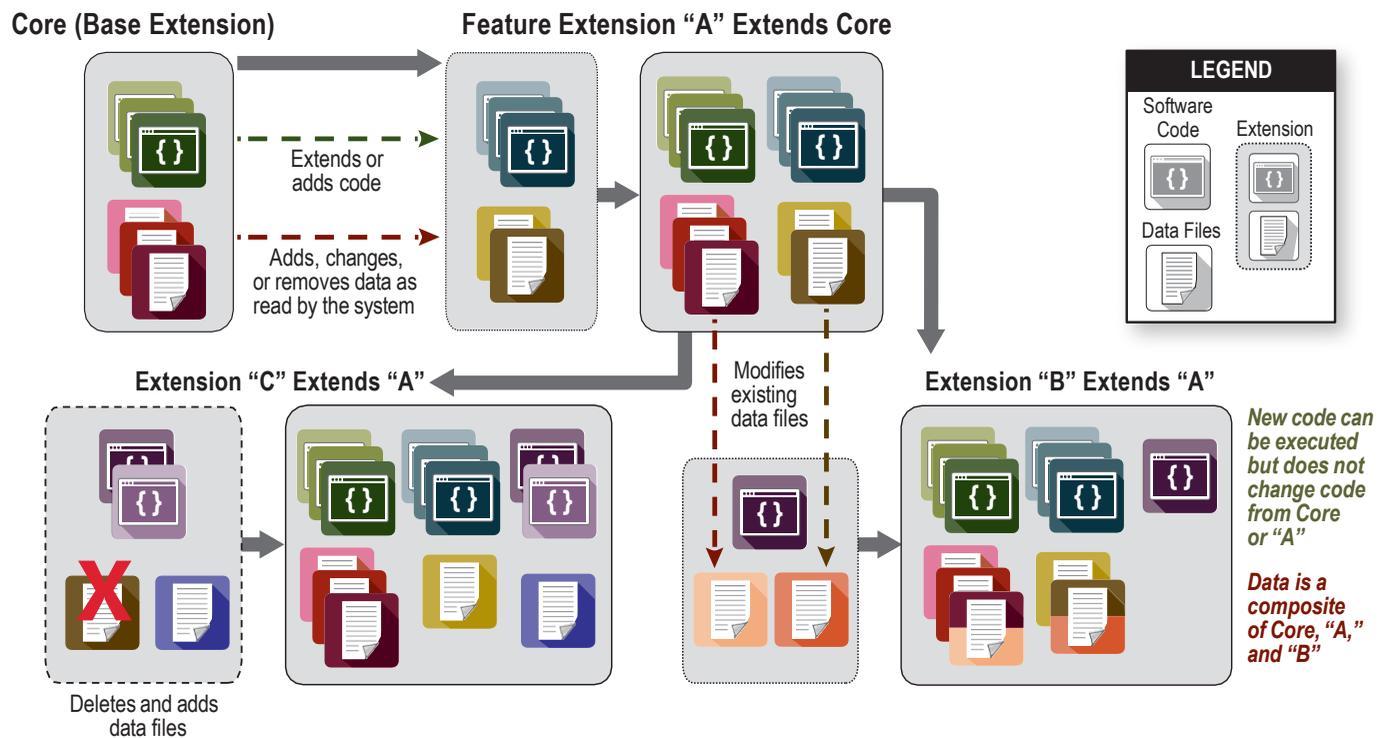


OneSAF supports runtime selection of data/code extensions to provide rapid baseline customization and controlled modularity.



## System Maintenance and Development

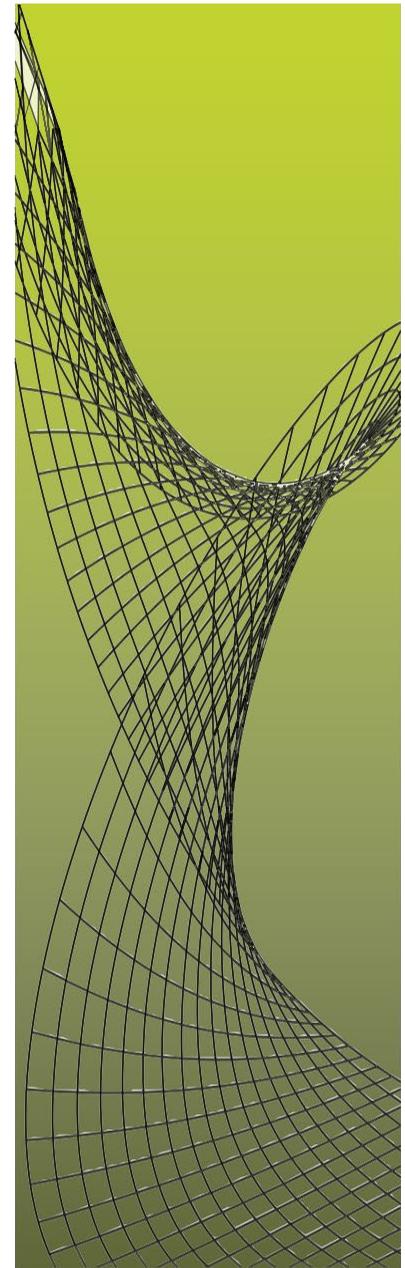
- ▶ Extensions isolate data, code, and dependencies into discrete components that are imported into running compositions
- ▶ New extensions can be created without needing to test compatibility with all other extensions
- ▶ Extensions include dependencies for other extensions to reuse data and code to automatically load dependencies at runtime
- ▶ "Core" data and code are implicit dependencies available to any extension at runtime



- ▶ Data and code from "B" automatically import data and code from "A"; any combinations can be selected at runtime
- ▶ Data and code from "C" can be independently developed and tested from "B," reducing the testing complexity for "C"

## Feature Customization

- ▶ Applications building on OneSAF can use Data and Extension Services to import only the extensions they need for their application and nothing else
- ▶ Applications can develop override extensions to add, replace, or delete (make unavailable) any data or code to meet application requirements
- ▶ Only testing required for new applications is based on the specific extensions that the application requires for operation



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