WEBINAR | May 11, 2020

BIAN & ArchiMate®; a focus on Information Architecture

Q&A

Question	Answer
I'm surprised that there isn't an explicit data or information layer? How does data fit into the Archimate meta model?	Data is in the passive structure column, so it is not a layer but an aspect that spans across the different layers. Just a different way of organizing the concepts but data and information are a key part of the language.
Hi, Is there a PDF version of the Service Landscape v8.0? Thanks	Yes, standard available in the members area of the BIAN Website. In case you are not a member, please let us know, we will send you.
Are the BIAN models available in ArchiMate Exchange Format?	Yes, standard available in the members area of the BIAN Website
Is BIAN complete metamodel available as Open Exchange File?	Yes, standard available. You can download it from The Open Group website where the metamodel in ArchiMate exchange format is published.
What's the foreseen genericity level of the model?	Is applicable for all banks. Models going from strategic over architecture over design.
Would you consider providing membership to co-develop code automation from BIAN to MSA (microservices architecture). We already work on Enterprise Architecture DSLs for asset managers and cover various standard. Targeting GO, cSharp, Java? Azure Function/ AWS Lambda.	The membership is open for all! It depends on the type of organization, bank / vendor / standards body and so on, and the size of the organization in headcounts.
Which approach is better to customize the BIAN offering to the specific bank offering; would it make sense to go top-down (strategy->tech/data-model) or bottom-up?	My preferred way of working is Top-Down, but starting with a specific area of concern. Eg. Consumer Loans. You find the relevant service domains and start finding out the data and functionality and how it is supported by your application landscape
What is the best Business Message Standard to pair with BIAN? IFX or FIBO?	FIBO is not really a business message standard. FIBO is an ontology. IFX and ISO20022 are typical standards. We link service domain to the main standard. At this moment ISO20022 is covering the biggest part.
Is the BIAN Business Model is available for download?	Yes for members all artifacts are available for download.
Answered in session	
Is there a way to automatically convert from Archimate models into executable APIs?	ArchiMate needs to be made precise using a modelling language that is meant for it.

	Archimate concepts are refined in for example UML specifications. These specification can be used to generate code if the tool supports this. With regard to the scope of BIAN no executable code is possible because the functional specification is not provided. BIAN only provides an interface definition specifying Semantic API's into the swagger notation. The business logic to execute the API is not specified in BIAN . An initiative is going on where members provide their API specification to the BIAN community, but this is still premature initative.
You introduced business capability model in BIAN 8. Why and what is a difference between business domain model or service domain model? These are all capabilities...	You are right. "Business Capabilities" and "Service Domains" are of the same type of concept i.e. "Capabilities". Service Domains are the capabilities are defined based on strict criteria, which garantee that all the service domain have a scoping of data and behavior which are mutual exclusive, collectively exhaustive. This is what Enterprise Architect are using for optimisation of application portfolios, and interoperability between applications, but also for business organization by means of service delivery to one another. This is not necessarily the same point of interest a "Business manager" is interested in. They like a different scoping of the capabilities. A scoping from the perspective of supporting the business strategy. Our members did feel a need for this and started developing another scoping of behavioral clustering. They did come up with "Business Capabilitiy map". The "business capanilities" will be served by the "service domains". BIAN treats both as two disjunct sets of capabilities.
Any plans to incorporate insurance capabilities?	Did a PoC to determine the gaps and we know what we need to add/change. The BIAN Board decided to first complete the bank specific part of the landscape before decoding to add other verticals like Insurance.
What is the Relation of BIAN with FIBO and top level ontologies ÛFO and BFO ?	BIAN uses a strict methodology to define business objects, the definitions of it, the attributes which are characteristic for this. FIBO is doing more or less the same. BIAN is using the ISO20022 standard for those business activities that are covered by ISO. For the business activities covered by FIBO, BIAN will inspire on FIBO.

	BFO stands for basic formal ontology. We don't use it explicitly. If you think it can leverage the BIAN reference architecture, please let us know.
Is there a plan to make that BIAN complete set of services? For example, there are no such activities that banks do are: process management, architecture management which are not available in BIAN.	BIAN recognizes all type of services as visualized in the M4 representation of the BIAN Service Domains. The priority of BIAN is to focus on the Banking Services. For other services, such as logistics, HR, Building management. Focus will be on loans, deposits, current accounts, payments, securities, wealth management etc. For the non-banking we refer to other reference models such as Building Object Model, Panorama 360 for insurance etc.
Is it possible to create Data Warehouse or data marts databases out of BIAN Business Objects Models?	The BIAN Business Object Models can be used to define the structure of the conceptual model for the Operational Data Stores. When it comes to datawarehouses and datamarts the data is already prepared for some type of usage. BIAN will not help you with this. BIAN will help you in defining the population of your datawarehouses. It can be used as the translation hub between the source data in the transactional systems and the target environment such as a terradata.