Open Points before publishing reference architectures FRAME V5

**Exceptions: LT – Long Term items, not directly relevant for V5 publishing!**

Tasks – Benjamin, ate

* FRAME overall
  + Publishing and Distribution Method, Emailing to partners and stakeholders and publication on Site, **(Ken Harkin, Sparx 2nd run)**
  + **(EA – Files?: one file, REF, V5, Ecall, and NAP reference architectures v1, )**
  + Updated, improved versions and **updated content contain a changes documents (explaining it) and a new version number!**
  + **Major changes (extensions) in the model or metamodel – have to be checked with the Reference architectures for consistency, before changes are published. (with new version number!)** 
    - Materials and documents needs to be produced
      * One pager (Pressetext – PR announcement)  **I agree, we need something that is short and provides details of the main point of the new version of FRAME. (Mert/Peter)**

Issues included: New version of the EU FRAMEWORK architecture is available and what is included – Metamodell and reference architectures for, link to additional materials (pretty picture!)

* + - * How to use the materials? **(Mert/Peter)**
        + FRAME NEXT materials
        + Reference architectures

**(Strategy for usage of FRAME as tool, LT)**

**How to collaborate/rules for contributing new elements LT**

* + - EAPX file(s)
      * 1 file (option 2 below) and new versions for ref. architectures added.
      * download from frame-online.eu ?
      * announcement of upcoming updates and manual how updates will be integrated ? ok
  + Development/Collaboration Tool missing
    - 🡪Github activation for regular contributors of maintenance team**, DONE**
    - Vincent? Hans W. for freight and fleet m.? LT.
  + FRAME maintenance after FRAME NEXT tbdf LT
  + Project extension – and clarification of Budget use and distribution. LT
  + Ownership of ITS Architecture materials in the future and reliability LT
  + **Workshop setting for publishing V5 results, series, topics, durations, etc.. Proposal from Petr! (wp5)**
* Reference Architectures (general aspects from FRAME NEXT perspective)
  + Including Freight Fleet Management LT
  + Safety and Security as requirement routine LT
  + User needs as requirement class options and links in EA (=> Revise the ones used in ref. architectures!) Check the links to used elements in ref architectures! **But we are not using the stereotype – requirement class in EA!, (Petr please check!)**
  + Toolbox needs to be finished
* FRAME elements to rework – new directory name: **FRAME repository**
  + User Need Naming and information texts
  + **Cleaning out Elements – redundancies and inconsistencies LT**
* Reference Architectures
  + Adopting eCall and NAP objects and views according to Table below
  + Rework eCall, **Mention Communication view as example**
  + Naming convention for fata flows, checked by peter, and adapted in eCall and Nap
  + Complete all views for reference architectures: see table below
  + Completed links between defined and used elements in reference architectures have to be included **in published version of the reference architectures.**
  + **Create an “example report” (ref. architecture) for cross checking of content before publishing. (Mert, Peter make a proposal☺ )**

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| --- | --- | --- | --- |
| **Nr.** | **ITS Architecture Artefact (ex/new)** | **EA Definition and use** | **Remarks** |
| **1** | User needs | Package with sub-element | Selection done for mandatory (and used) UN in the ref. architecture |
| 2 | Functional view (ex) | Package with single functions as elements | (common and agreed functions) Stereotyped and linked to information objects they use and other artefacts in EA-> Dataflows |
| 3 | Organisational view (new) | Package with links to stereotypes and actors | Stereotypes and their contributions to service, (in process steps), external links/ terminators |
| 4 | Physical view (new) | Consists of components | Components and units, link to applications if needed. |
| 5 | Communication view (existing and new elements) | Interaction diagram, for actors/ stereotypes | Com. protocols mentioned in standards - above level 4 of OSI (and information objects transfered between components) |
| 6 | Security view (new, and optional…) | ? To be defined . . . | Optional - Currently an explanation of security aspects |

1. In my opinion there are a few alternative ways of making V5 of the FRAME Architecture available to users. The ones I can think of are as follows;

Option 1: there is one EAPX file for each of the 6 priority actions, i.e. 6 EAPX files, plus one more EAPX file containing just the FRAME reference architecture. Each of the 6 EAPX files will contain the “package” for the priority action, e.g. eCall, NAP and truck parking, with all the layers completed, plus the full FRAME reference architecture “package” in which only the Functional View and User Needs contain any entries. With this option, when the full FRAME reference architecture is updated, either the content of all the other 6 EAPX files for the priority actions will have to be updated, or they will not be compatible with the latest version of the reference architecture.

**Option 2: there is one EAPX file containing the “packages” for each of the 6 priority actions, plus. the full FRAME reference architecture “package”. This is the situation at present. With this option, the architectures for the 6 priority actions may have to be updated at the same time as the FRAME reference architecture is updated. But obviously this depends on the content of the changes that are made to the FRAME reference architecture.**

1. A document, or note on the FRAME website will be needed to describe the changes that have been made to get from the old version to the new version of the FRAME reference architecture. The updates will need to be made carefully so that any existing ITS architectures that users have developed are not invalidated by the changes that are made. **(explanation for delta between versions) ok**
2. Peter Jesty, Hans Westerheim and Richard Bossom have these changes in hand and are expected to be included in version 5 of the FRAME reference architecture.
3. There has been some debate about changing the wording of the User Needs to be “The Service shall…”. But as far as I am aware this change has not been formally agreed.
4. This is an on-going exercise that I am working on at the moment. I have done some “cleaning out” and will load up a new version of the Functional View and User Needs in the next few days. My plan is to complete this work by the end of August 2020.
5. I agree with Holger, this needs more explanation of what further action is to be taken – see (4) above.
6. The “EA definition and use” comment should say, “Package with data flow diagrams, data flows, functions, data stores, terminators and sub-terminators as elements”. The content of the “Remarks” column is being validated as part of the work in (5) above.