**NOTE**: To use Track Changes, turn off “protection” by clicking on (pre-MS Word 2007) Tools > Unprotect Document or (MS Word 2007 and higher) Review > Protect Document.

**PSS-Lite/Investigative Projects: Sections surrounded by a BOLD OUTLINE must be completed for approval of "Investigative Projects" (a.k.a PSS-Lite).**

1. Project Name and ID

|  |  |  |
| --- | --- | --- |
|  | |  |
| **Version 3 Publishing Scripts Refactoring** | | Project ID: |
| |  |  | | --- | --- | |  | TSC Notification Informative/DSTU to Normative Date : | |  | |
|  | | |
| |  |  | | --- | --- | |  | Investigative Project Date : | | | |
|  | | |

1. Sponsoring Group(s) / Project Team

|  |  |
| --- | --- |
| Primary Sponsor/Work Group (**1 Mandatory**) | **Publishing** |
| Co-sponsor Work Group(s) | Electronic Services & Tools |
| Co-Sponsor Group Approval Date | Co-Sponsor Approval Date 2015-08-13 |
| Indicate the level of involvement that the co-sponsor will have for this project:   |  |  |  | | --- | --- | --- | |  | Request formal content review prior to ballot | | |  | Request periodic project updates. Specify period: | During Tooling Liaison calls | | |  | Other Involvement. Specify details here: | Enter other involvement here | | | |
|  |  |
| **Project Team:** |  |
| Project facilitator (**1** **Mandatory**) | **Andy Stechishin** |
| Other interested parties and their roles | Lynn Laakso, Technical Director of Publications; Alexander Henket, Standards Publishing at Nictiz |
| Multi-disciplinary project team (recommended) |  |
| Modeling facilitator | **n/a** |
| Publishing facilitator | **Andy Stechishin, Jean Duteau** |
| Vocabulary facilitator | **n/a** |
| Domain expert rep | Andy Stechishin, Lynn Laakso, Woody Beeler |
| Business requirement analyst |  |
| Conformance facilitator (for IG projects) |  |
| Other facilitators (SOA, SAIF) |  |
|  |  |
| Implementers **(2** **Mandatory** for DSTU projects)  ***FHIR Project Note:*** *The implementer requirement will be handled by the “balloting” project. Therefore work groups do not fill out the above section. However, feel free to list implementers specific to your work group’s resources if you know of any.* | |
| 1) | |
| 2) | |

1. Project Definition
   1. Project Scope

|  |
| --- |
| **The Project will restructure and clean up the ANT scripts that produce the Version 3 ballots. The ANT scripts will be reorganized to segregate the individual target into functionally related smaller files. The initial proposal is to create a file with domain targets, a file with DAM targets, a file with infrastructure targets, a file for installation targets, a files for core functions and some other non-specified (and as needed, discussed and approved) files. As the restructuring continues, additional opportunities to provide utilities to control the verbosity of the build and to segregate key external dependencies will also be explored.** |

* 1. Project Need

|  |
| --- |
| **Historically we have depended on the knowledge and efforts of key individuals to ensure the continued operation of the V3 publishing process. We wish to make sure that going forward, the scripts to run the process are documented (internally and externally) and logically organized such that any developer with experience in maintaining ANT scripts could contribute and/or maintain our publishing process.** |

* 1. Success Criteria

|  |
| --- |
| **A set of ANT scripts that successfully execute the current functionality with additional explanatory documentation to would allow both the current publishing build experts and novices to run and maintain.**  **Completed documentation is referenced by the Technical Architecture Inventory project for ongoing discoverability.** |

* 1. Project Risks

|  |  |
| --- | --- |
| Risk Description: | **Build collapses prior to completion** |
| Impact: | |  |  |  |  | | --- | --- | --- | --- | | Critical | Serious | Significant | Low | |
| Likelihood: | |  |  |  | | --- | --- | --- | | High | Med | Low | |
| Risk Type: | |  |  |  |  | | --- | --- | --- | --- | | Requirements | Resources | Social-Political | Technology | |
| Risk To HL7: | |  |  |  |  | | --- | --- | --- | --- | | Internal to HL7 |  | External to HL7 |  | |
| Mitigation Plan: | The build has been historically stable for the last couple of years but every effort will be taken to merge changes into the build on a regular iterative cycle. Changes will be small and ongoing and only merged once tested and verified by the Technical Director of Publications. The chance of catastrophic collapse will lessen as the build morphs into future state and improves maintainability. |
|  | |
| Risk Description: | **Current experts object to changes** |
| Impact: | |  |  |  |  | | --- | --- | --- | --- | | Critical | Serious | Significant | Low | |
| Likelihood: | |  |  |  | | --- | --- | --- | | High | Med | Low | |
| Risk Type: | |  |  |  |  | | --- | --- | --- | --- | | Requirements | Resources | Social-Political | Technology | |
| Risk To HL7: | |  |  |  |  | | --- | --- | --- | --- | | Internal to HL7 |  | External to HL7 |  | |
| Mitigation Plan: | **Efforts are being made to ensure the current experts are made aware of the proposed changes and have a voice in the process.** |
|  | |
| Risk Description: | **Project resources cannot dedicate sufficient time to see project through to completion.** |
| Impact: | |  |  |  |  | | --- | --- | --- | --- | | Critical | Serious | Significant | Low | |
| Likelihood: | |  |  |  | | --- | --- | --- | | High | Med | Low | |
| Risk Type: | |  |  |  |  | | --- | --- | --- | --- | | Requirements | Resources | Social-Political | Technology | |
| Risk To HL7: | |  |  |  |  | | --- | --- | --- | --- | | Internal to HL7 |  | External to HL7 |  | |
| Mitigation Plan: | **The project will attempt to work in small iterative cycles with a functioning process at the end of each cycle. Using iterative cycles delivering functionality, even if work is halted mean progress toward the end goal and work could be resumed by either the current team or a new team at some point in the future.** |
|  | |

* 1. Security Risks

|  |  |  |  |
| --- | --- | --- | --- |
| Will this project produce executable(s), for example, schemas, transforms, stylesheets, executable program, etc. If so the project must review and document security risks. | Yes | No | Unknown |

* 1. External Drivers

|  |
| --- |
|  |

* 1. Project Objectives / Deliverables / Target Dates

|  |  |
| --- | --- |
|  | **Target Date** |
| **Develop proposal for file reorganization** | **2015 Oct WGM** |
| **Review reorganization proposal with Publishing and EST** | **During Oct WGM** |
| **Divide file reorganization into a series of iterations** | **2015-10-31** |
| **Document testing plan and prepare testing environment** | **2015-11-30** |
| **Execute Iteration #1** | **2015-??-??** |
| **Execute Iteration #N** | **2016-12-31** |
| **Prepare final project report** | **2017 Jan** |
| **Present final project report to EST and Publishing** | **2017 Jan WGM** |

* 1. Common Names / Keywords / Aliases

|  |
| --- |
| **V3Pub, ballot, publishing** |

* 1. Lineage

|  |
| --- |
| **n/a** |

* 1. Project Requirements

|  |
| --- |
| **The refactored publishing MUST continue to work for V3 content editors.**  **The refactored publishing should not introduce additional steps for V3 content editors.**  **The refactored publishing MUST generate the ballot as accurately as the current process.**  **The refactored publishing MUST generate the normative editions as accurately as the current process.**  **The refactored publishing SHOULD perform the generation within the times of the current process.**  **The refactored publishing scripts SHOULD be easily understood and navigated by current Publishing process maintainers.**  **The refactored publishing scripts SHOULD be easily understood and navigated by programmers with a history of working with ANT.**  **There MUST be external documentation packaged with the publishing build scripts that describes the organization of the scripts.** |

* 1. Project Dependencies

|  |
| --- |
| **The project has a dependency on the Technical Architecture and catalogue project. The project may have a dependency on the outcomes of TSC discussion on publishing risks.** |

* 1. Project Document Repository Location

|  |
| --- |
| **http://wiki.hl7.org/index.php?title=V3\_Publishing\_ANT\_Refactor** |

* 1. Backwards Compatibility

[*Click here*](#Backwards_Compatibility_help) *to go to Appendix A for more information regarding this section and FHIR project instructions.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Are the items being produced by this project backward compatible? | Yes | No | Unknown | N/A |
|  | | | | |
| For V3, are you using the current data types? | Yes | No | Unknown | N/A |
| If you check 'No' please explain the reason: | | | | |
| **The refactored ANT should continue to process and support publishing work done by people using the old scripts. There should be no need to do a conversion on existing work products.** | | | | |

* 1. External Vocabularies

[*Click here*](#External_Vocabularies_help) *to go to Appendix A for more information regarding this section.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Will this project include/reference external vocabularies? | Yes | No | Unknown | N/A |
| If yes, please list the vocabularies: | | | | |

1. Products

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Non Product Project- (Educ. Marketing, Elec. Services, etc.) | | |  |  | | --- | --- | |  | V3 Domain Information Model (DIM / DMIM) | |
| |  |  | | --- | --- | |  | Arden Syntax | | |  |  | | --- | --- | |  | V3 Documents – Administrative (e.g. SPL) | |
| |  |  | | --- | --- | |  | Clinical Context Object Workgroup (CCOW) | | |  |  | | --- | --- | |  | V3 Documents – Clinical (e.g. CDA) | |
| |  |  | | --- | --- | |  | Domain Analysis Model (DAM) | | |  |  | | --- | --- | |  | V3 Documents - Knowledge | |
| |  |  | | --- | --- | |  | Electronic Health Record (EHR) Functional Profile | | |  |  | | --- | --- | |  | V3 Foundation – RIM | |
| |  |  | | --- | --- | |  | Logical Model | | |  |  | | --- | --- | |  | V3 Foundation – Vocab Domains & Value Sets | |
| |  |  | | --- | --- | |  | V2 Messages – Administrative | | |  |  | | --- | --- | |  | V3 Messages - Administrative | |
| |  |  | | --- | --- | |  | V2 Messages - Clinical | | |  |  | | --- | --- | |  | V3 Messages - Clinical | |
| |  |  | | --- | --- | |  | V2 Messages - Departmental | | |  |  | | --- | --- | |  | V3 Messages - Departmental | |
| |  |  | | --- | --- | |  | V2 Messages – Infrastructure | | |  |  | | --- | --- | |  | V3 Messages - Infrastructure | |
| |  |  | | --- | --- | |  | FHIR Resources | | |  |  | | --- | --- | |  | V3 Rules - GELLO | |
| |  |  | | --- | --- | |  | FHIR Profiles | | |  |  | | --- | --- | |  | V3 Services – Java Services (ITS Work Group) | |
| |  |  | | --- | --- | |  | New/Modified/HL7 Policy/Procedure/Process | | |  |  | | --- | --- | |  | V3 Services – Web Services (SOA) | |
| |  |  | | --- | --- | |  | New Product Definition | |  |
| |  |  | | --- | --- | |  | New Product Family | |  |
|  | |

1. Project Intent (check all that apply)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Create new standard | |  | Revise current standard (**see text box below**) | |  | Reaffirmation of a standard | |  | New/Modified HL7 Policy/Procedure/Process  Withdraw an Informative Document | |  | N/A (Project not directly related to an HL7 Standard) | | |  |  | | --- | --- | |  | Supplement to a current standard | |  | Implementation Guide (IG) will be created/modified | |  | Project is adopting/endorsing an externally developed IG: Specify external organization in Sec. 6 below;  Externally developed IG is to be (select one): | |  | Adopted - OR -  Endorsed |  | Endorsed | |
| * **This project will perform technical work on the automation processes for the production of version 3 ballots and the annual version 3 normative edition.** | |

* 1. Ballot Type (check all that apply)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Comment Only | |  | Informative | |  | DSTU to Normative | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  | Normative (no DSTU) | |  | Joint Ballot (with other SDOs or HL7 Work Groups) | |  | N/A (project won’t go through ballot) | | |
|  | |
|  | |

* 1. Joint Copyright

*Check this box if you will be pursuing a joint copyright. Note that when this box is checked, a Joint Copyright Letter of Agreement must be submitted to the TSC in order for the PSS to receive TSC approval.*

|  |  |  |
| --- | --- | --- |
| |  |  | | --- | --- | |  | Joint Copyrighted Material will be produced | |

1. Project Logistics
   1. External Project Collaboration

|  |  |  |
| --- | --- | --- |
|  | | |
| For projects that have some of their content already developed: | | |
| How much content for this project is already developed? |  | |
| Was the content externally developed (Y/N)? |  | |
| Date of external content review by the ARB? |  | |
| Is this a hosted (externally funded) project? (not asking for amount just if funded) | Yes | No |

* 1. Realm

|  |  |  |  |
| --- | --- | --- | --- |
| |  |  | | --- | --- | |  | Universal | | Realm Specific |
|  | Check here if this standard balloted or was previously approved as realm specific standard |
|  |  |

* 1. Project Approval Dates

|  |  |
| --- | --- |
| Affiliate/US Realm Task Force Approval Date  (for US Realm Specific Projects) | **N/A** |
| Sponsoring Work Group Approval Date | **2015-08-18** |
| FHIR Project: FHIR Management Group Approval Date | **N/A** |
| Steering Division Approval Date | **2015-08-24** |
| |  |  |  | | --- | --- | --- | | [PBS Metrics and Work Group Health Reviewed](http://gforge.hl7.org/gf/download/docmanfileversion/7241/10172/PBSMetricGuidanceforSDCoChairs2013Final.doc)? (required for SD Approval) | Yes | No | | |
| Technical Steering Committee Approval Date | **TSC Approval Date CCYY-MM-DD** |
| |  |  |  | | --- | --- | --- | | TSC has received a Copyright/Distribution Agreement (which contains the verbiage outlined within the SOU), signed by both parties. | Yes | No | | |

* 1. Stakeholders / Vendors / Providers

*This section must be completed for projects containing items expected to be ANSI approved, as it is an ANSI requirement for all ballots*

|  |  |  |
| --- | --- | --- |
| **Stakeholders** | **Vendors** | **Providers** |
| Clinical and Public Health Laboratories | Pharmaceutical | Clinical and Public Health Laboratories |
| Immunization Registries | EHR, PHR | Emergency Services |
| Quality Reporting Agencies | Equipment | Local and State Departments of Health |
| Regulatory Agency | Health Care IT | Medical Imaging Service |
| Standards Development Organizations (SDOs) | Clinical Decision Support Systems | Healthcare Institutions (hospitals, long term care, home care, mental health) |
| Payors | Lab | Other (specify in text box below) |
| Other (specify in text box below) | HIS | N/A |
| N/A | Other (specify below) |  |
|  | N/A |  |
| |  | | --- | | **Nictiz makes active use of the build scripts in their build process, the project will make every attempt to coordinate with the maintainers to ensure the build remains useful for all organizations utilizing the build.** | | | |

* 1. Synchronization With Other SDOs / Profilers

|  |  |  |
| --- | --- | --- |
| Check all SDO / Profilers which your project deliverable(s) are associated with. | | |
| ASC X12 | CHA | LOINC |
| AHIP | DICOM | NCPDP |
| ASTM | GS1 | NAACCR |
| BioPharma Association (SAFE) | IEEE | Object Management Group (OMG) |
| CEN/TC 251 | IHE | The Health Story Project |
| CHCF | IHTSDO | WEDI |
| CLSI | ISO | Other (specify below) |
|  | | |