

OSEHRA – Code Convergence

Open Source Electronic Health Record Agent
Community Product Definition
and Code Convergence Meeting Agenda

Meeting Notes.

- Key Representatives Identified:
 - **OSEHRA:** Matthew McCall and Luis Ibanez.
 - **IHS:** Mike Danielson and Glenn Janzen.
 - **DSS:** Fabian Lopez, Lee Miller, Steve McPhelan, Sam Williams.
 - **WorldVista:** Dave Whitten and George Lilly.
 - **Medsphere:** Edmund Billings.
 - **VA:** Chris Uyehara

Last Meeting Takeaways (5.2.12)

- Contact VA re: status of ANSI-M in SAC.
 - Contacted Julie, awaiting scheduling.
- IHS NS/#S & Package Listing
 - Contacted Floyd Dennis for listings, still pending
- Build/Routine Discrepancies & Redaction.
 - Contacted Julie; awaiting response.
 - Julie passing along to FOIA contact.
- KIDS Build Requirements.
 - Contacted Julie re: OSEHRA Namespace/Numberspace, awaiting response.
- SKIDS.
 - Rick Marshall on vacation.

Discussion

- Due Date: End of Month.
- Further discussion of KIDS builds.

Appendix



Protected Products List (VA). (Proposed Approach).

- Accounts Receivable
- Bar Code Medication Administration
- Blood Bank
- CPRS Order Entry Modules
- Fee Basis

• HL7

- IFCAP
- Integrated Billing

• Kernel

• PAID

• RPC Broker

• FileMan

• VistA Data Extraction Framework (VDEF)

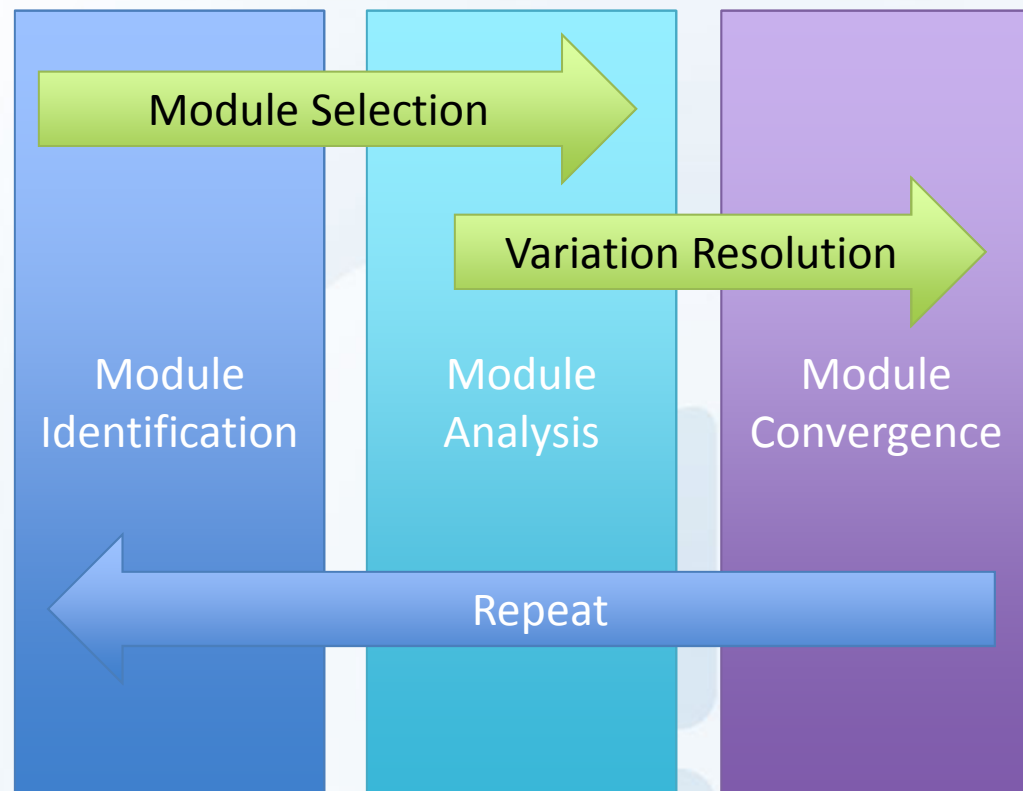
• VistA Imaging

• VistALink

*Just Taskman Component.

Convergence Process.

1. Module Identification
2. Module Selection
3. Module Analysis
4. Variation Resolution
5. Module Convergence
6. Repeat



Module Identification.

- Identify candidate modules.
 - Prioritized based on following factors:
 - Clinical Importance.
 - Functional Importance.
 - Perceived Level of Effort.
 - Risk Assessment.
 - Relevance to 10.1.2012.
- Resources.
 - 10.1.2012 Targets: Presentation Appendix.
 - Onion Skin Diagram: <http://osehra.org/node/646>
 - Architectural Reference: <http://architecture.osehra.org/>

Module Selection.

- First Module:
 - Registration being used for first pass.
- Future Modules:
 - In the event of conflict:
 - Voting System on OSEHRA infrastructure.
 - Expected contributors to vote.
 - **What do we need to ensure equitable representation by fork?**

Module Analysis.

- ‘Collisions’ identified by:
 - Analyzing standard repositories.
 - Git locations TBD.
 - FMQL reports on these repositories.
 - <http://osehra.org/wiki/vista-analytics-foia-vs-other-vistas>
 - Code Diffs as needed.
 - Log deviations to issue tracker.
 - code.osehra.org/issues.
 - **Request: Need to embed code for easier review.**
 - Review collisions as team.
 - **Classify: Is our list of current classifications adequate?**
 - Log notes user to tracker.

Module Analysis.

Current Categorizations: (code.osehra.org/issues)

Platform Related

- Cache-ism.
 - Intersystems specific code which is non-ANSI M Compliant.
- GT.M-ism.
 - GT.M specific code which is non-ANSI M Compliant.

Functionality Related

- VA-ism.
 - Variation is due to VA specific business needs.
- IHS-ism.
 - Variation is due to IHS specific business needs.
- Meaningful Use.
 - Enhancement was made for Meaningful Use Compliance.
- System Enhancement.
 - An improvement made for business needs outside of IHS/VA.

Implementation Related

- Patch Level Variance.
 - Variation is due to difference in patch level of version.
- Stylistic Variance.
 - Variation is due to difference in coding, though accomplishes same objective
- Generic Bug.
 - Any variance which does not fall into any of the above categories.

Variation Resolution:

- Decision Points:
 - Affected Versions.
 - Categorization.
 - What is the resolution path per categorization?
 - Can we come to general consensus on these?
 - Potential Examples:
 - Stylistic Variance: Do we need to decide on standards around formatting?
 - Patch-Level Variance: Should a package need to be patched to current before variance is resolved?
 - Cache-ism/GT.M-ism: Should both be standardized to ANSI?
 - Eventually a ‘decision tree’ may evolve.
 - Final resolutions must account for all participants.
 - Can’t ever sacrifice critical functionality.

Module Convergence:

- Git branch merge process.
- **Gerrit peer-review.**
 - Only allowed by certain individuals (per branch)?
- **Resolution of issue tracker item.**
 - Only allowed by certain individuals (per branch)?

Contact Information:

Code Convergence Group:

<http://www.osehra.org/group/code-convergence>

Matthew McCall.

mccallm@osehra.org

Luis Ibanez

ibanezl@osehra.org