

# OSEHRA – Code Convergence

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

# Meeting Agenda: 5.2.2012

- Last Meeting Takeaways.
- Non-ANSI Operator KIDs Patch.
- Discussion.

## Last Meeting Takeaways (4.25.12)

- 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.
- VA Intake Requirements & KIDS Requirements.
  - Thread Started.

# Code Coverage

- Now available on the Dashboard.
  - <http://code.osehra.org/CDash/index.php?project=Open+Source+EHR>

# Unit Tests

- Non-ANSI Operator test:
  - <http://review.code.osehra.org/#/c/170/>
- Ray Group Intl. Problem List tests:
  - <http://review.code.osehra.org/#/c/171/>

# KIDS Patch Discussion

- Include Non-ANSI MUnit test as Post-Installation Routine?
  - Suggested by Chris Uyehara

# 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)

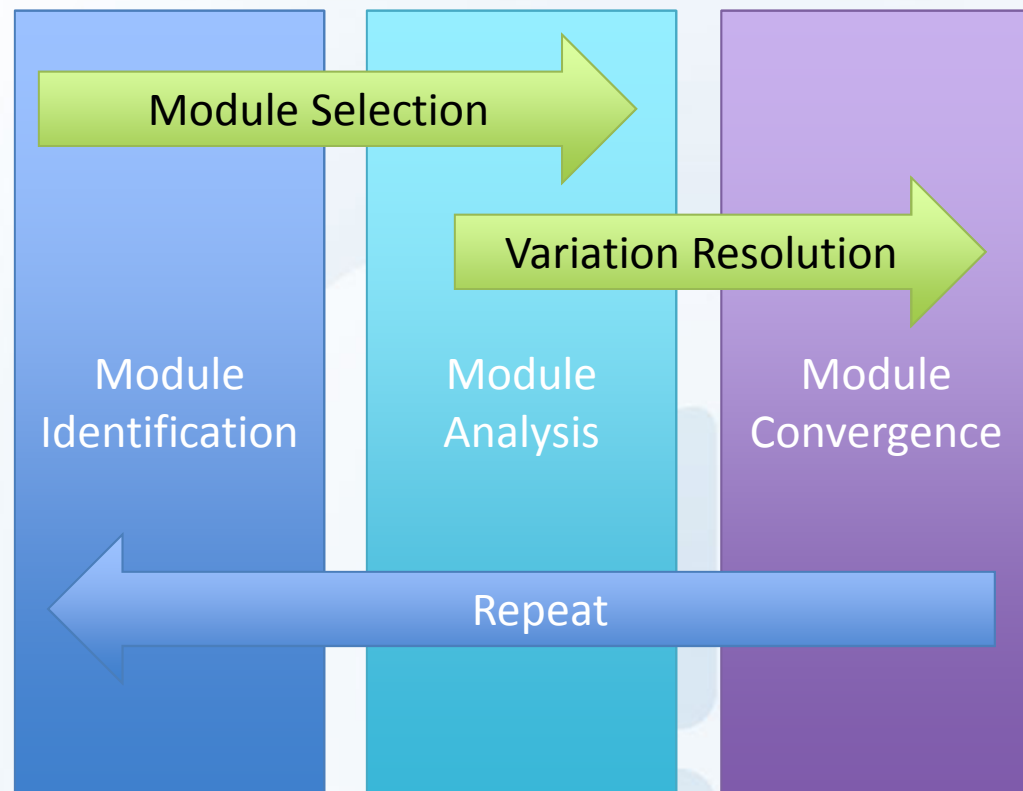
- VistA Imaging

- 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](http://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](http://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:

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