

# OSEHRA Vista Code Alignment Workshop

## *Report to Community*

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**8:30 AM PST / 11:30 AM EST**



# Contents

- 1. Objectives of Workshop**
- 2. Accomplishments**
- 3. Scope of Work**
- 4. Next Steps**

# Objectives of Workshop



# Objectives of Workshop

- **Validate current understanding of state of VistA in community**
  - Many forks of VistA code
  - Strengths, weaknesses in each fork
  - Converged OSEHRA VistA product yet to be achieved

# Objectives of Workshop

- **Affirm community value proposition for converged OSEHRA VistA**
  - Converged OSEHRA VistA useful to VA and global open source EHR solution providers
    - Single product core
    - Single enhancement stream
    - Single maintenance stream
  - Achieving this value is worth investment of resources
    - Define converged product
    - Identify resources needed & available to advance effort
    - Plan & perform required work

# Objectives of Workshop

- **Instantiate & commence process for achieving converged OSEHRA VistA**
  - Set timeline: October 2014 – March 2015
  - Use appropriate tools
    - Sprint planning (Jira)
    - Collaboration (Wiki)
    - Development & testing (Vagrant, MUnit, etc.)
  - Scope work to be done

# Achievements of Workshop



# Achievements

- **Affirmations of goal, objectives, and timeline**
- **Introduction to sprint methodology**
- **Identification of high-value areas for convergence**
- **Enumeration of convergence issues**
- **Assignment of tasks**
- **Commitment of participants to ongoing participation in process**



# Scope of Work



# Areas Considered for Alignment

- **Kernel**
  - Cross-Platform Compatibility
  - Kernel Toolkit
  - Mailman
- **Testing Tools**
- **Terminology and Master File Updates**
- **Meaningful Use**
- **Pharmacy**
- **PIV Card & Other 2-Factor Authentication**

# Specific Tasks to Be Undertaken

- **Sprint 1 (December 1-20, 2014)**
  - Modify KIDS to support long patch numbers
  - Expand routine name length
  - Obtain and share VA instructions on establishing a new VistA instance
  - Determine how targeted contributions are impacted by VA FOIA redaction
  - Improve counting of active jobs
  - Remove transaction processing code from Taskman
  - Find MUMPS-version specific code in latest FOIA release

# Specific Tasks to Be Undertaken

- **Sprint 2 (January 5-31, 2015)**
  - Remove KIDS reference to nonexistent entry point
  - Correct & harmonize error message displays across MUMPS platforms
  - KIDS correction for multi-package malfunctions
  - Allow / enforce mixed-case authentication
  - Speed improvements in M2M broker
  - Enable access to all RPCs in non-programmer mode
  - Integrate adapters for external authentication (e.g., LDAP)

# Near-Term Roadmap

- **Converge RPC and M-to-M brokers across Vista distributions**
  - Use buffered reads to improve performance
  - Collect broker code from principal developers
  - Produce a delta report
  - Create plan for merging & reconciling MUMPS deltas
  - Converge MUMPS code base
  - Create MUMPS unit test suite
  - Create KIDS distribution
  - Create plan for merging & reconciling Delphi deltas
  - Converge Delphi code base
  - Create Delphi unit test suite
  - Create Delphi component set

# Near-Term Roadmap

- **Improve SAC compliance warnings in XINDEX**
  - Identify known deficiencies
  - Integrate checks for MUMPS platform dependencies
  - Collect community changes / wish list
  - Gap analysis
  - Code convergence
  - Unit tests
  - Documentation
  - Distribution

# Longer-Term Roadmap

- **Integrate popHealth® with VistA**
- **Improve GT.M compatibility**
- **ICD-10 convergence between VistA distributions**
- **Support for PIV cards and other 2-factor authentication mechanisms**
- **RxNorm mapping convergence for VistA distributions**
- **SNOMED for PCE**
- **SNOMED for Problem List Management**

# Comments from On-Site Participants





# Participant Organizations

- **US Department of Veterans Affairs**
- **Indian Health Service**
- **Medsphere Systems Corporation**
- **DSS**
- **FIS Global**
- **OSEHRA Code Convergence Work Group**
- **Oroville Hospital**
- **VISTA Expertise Network**
- **UPMC**
- **BITS Group**
- **Pricewaterhouse-Coopers**

# Looking Ahead



# Sprint Dates

*Irregular lengths account for holidays and projected resource availability*

- **Sprint 1: December 1-20, 2014**
- **Sprint 2: January 5-31, 2015**
- **Sprint 3: February 2-21, 2015**
- **Sprint 4: February 23-March 14, 2015**
- **Final testing and acceptance: March 16-31, 2015**

# Next Steps

- **Regular calls of OSEHRA Code Convergence Work Group**
  - Logistics
    - Thursdays, 3:00 pm ET / noon PT
    - Receive notifications via group membership on OSEHRA website
  - Activities
    - Weekly stand-up
    - Analysis and breakout of roadmap items
- **Monitoring of project success and lessons learned**
- **Planning for next phase of project**
  - May 2015 time frame

# Thanks for participating!

- **Mike Henderson**

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