CGAP Progress Update

Feb 25, 2003

Target Timetable

- ## Phase 1: Now to end of January 03
  - Standard XML documentation, technology and application receipt flow
  - *Inception, tech architecture and analysis*

- ## Phase 2: February – April 03
  - Application Receipt and validation
  - *Build and test the receipt of XML stream*

- ## Phase 3: May – July 03
  - Business-to-government flow and interchange infrastructure
  - *Complete design and build Bus-to-Gov exchange*
  - *Pilot*

- ## Phase 4: August – November 03
  - Integration with bi-directional communications on IPF, PPF, FSR and potentially other requests
  - *Build out the integrated system for e-Applications : Test and Gradual introduction*

CGAP Delivered

- Description of eRA CGAP Exchange
  - Functional description of exchange
  - Technology selection for CGAP
  - XML strategy for core and non-core
- XML schema and documentation
  - XML schema
  - Mapping of paper forms to XML
  - XML list of issues to be addressed
- Working list of issues with Receipt for new applications (first pass done!)

CGAP Work in Progress

- Definition of Iteration 1
  - ☺ Process flow and content
  - ☺ Use cases
  - – Project plan for development Iteration 1
  - – Data model changes
  - – Business rules
- Overall revised project plan
- Technical architecture for development environment and SBIR tests
- Continuation of issue list with Receipt and e-applications processing

Next Milestones

- Detailed project plan for Iteration 1
- Iteration 1: Prototype for 4 components (described as UC)
    - Transfer of application file from external site to eRA Exchange (no ticket process yet)
    - Virus check file
    - Validate XML format
    - Process application
        - Validate representative sample of business rules
        - Load components into tables
- Obtain feedback from external community and E-Grants
- More detailed overall plan
- Draft use cases for entire Exchange
    - Receipt and Referral changes
- Draft technical architecture for CGAP
- Describe the new and old business rules for Receipt in one document
- Describe process flow and roles for Receipt and Referral for CGAP

Issues
Remedies

- What is E-Grants going to propose?
  - *Direct communications with e-Grant team planned*
- Edit checker
  - Generic validation engine (build or buy, project wide)
  - Validations custom built for CGAP
- Resources
  - Development team only partially available due to March release constraints
    - *Code freeze yesterday should free up team*
  - Analysts are stretched thin
    - *Assistance from other development team members in writing UC and documentation of requirements – technical underpinnings of exchange*
    - *Assistance from R&R line managers, advocates and policy makers in writing business rules and policy changes*
    - *Potential re-arrangement of analysts work loads*
  - Inclement weather: Good part of the week down