**Minutes - CDS workgroup meeting *Friday, December 20, 2013***

***Next Meetings –***

***Friday, Jan 10, 2014; 10:00 a.m. PST (developers meeting)***

***Friday, Jan 17, 2014; 10:00 a.m. PST (developers meeting)***

***Continuing meeting dates – TBD***

***Website*** <https://sites.google.com/site/pescedexchange/>

Attendees

1. Tim Calhoon (CCC Tech Center)
2. John DiPirro (CSIS)
3. Jason Brown (Parchment)
4. Lenny Robison (CCC)
5. Dave ( NSC)

Agenda:

* Review Apereo incubation application
* Discuss plans for developer meetings; 1/10 and 1/17
* Next Steps

Notes:

* Tim walked through the Apereo application will collective input
* Finished draft will be distributed to taskforce

Notes from November meeting:

* Decision to arrange a CDS team developers meeting for data structure and environment
  + Coordinate a convenient time with Jam and Jason – 2 hours
  + Determine schedule for ongoing developers meeting
  + Define the chunks of programming (dividable components)
  + Determine if DataNucleus or some other similar tools will be used
  + Database discussion
  + Write Specs and/or Contracts for web services
  + How to outsource for crowd-source development
  + Logistics
  + Define code review process
  + Discuss options to ensure high-speed throughput
  + Determine payment methods
* Tim will coordinate with Lou (co-chair) for discussion/proposal with Apereo
* Discussed using tools like DataNucleus to make programming somewhat independent of database
* Continued discussion for database options
  + MySQL
  + MariaDB
  + PostgresQL

Previous Unresolved Notes:

1. Talk about making Deliver Option Update XML into an XML Template where organizations would have limited and controlled values to specified input fields
   1. Need to define input values
2. Discussion w/r/t how to run the development project?
   1. Jam volunteered to donate some of his time and thinks we should move into a planning phase. Pick a target date and finish off the document.
   2. Jason suggested we document the business processes & workflows. And then we need a workflow.
   3. Can we use crowd-sourcing?
   4. Let’s do things in parallel.
      1. Data model
      2. Use cases
3. Are we done with the wsdl and xml?
4. Agile tools, which one to choose?
   1. Is there a Jira tool? GreenHopper?
   2. Does GIT have something to manage?
   3. BitBucket.org
5. Maybe start with a google spreadsheet for now?
6. Need to discuss hosting and maintaining servers and how the system will be supported
   1. Where will CDS Directory Servers be hosted?
      1. Rackspace, Amazon, Raging Wire, Apereo? – Platform VMWare
      2. Let a hosting provider handle patches, etc.
   2. Software maintenance – Apereo-open source to develop /PESC-via contract to a member organization to host
      1. Operations – PESC-via contract to member organization
   3. Who is the Certificate Authority? VeriSign, etc. (Can InCommon be leveraged? Need a conversation with them) Web Services Security vs Shibboleth. With WS Security the CDS Directory Server will maintain a central Trust Store that can be used to update the Network Server’s Trust Stores.
7. Narrative for member organization responsibilities, server requirements, maintenance
8. Decide on level of security to be required or recommended for member web services access.