

## ConservationSpace

### Application wish list from Community Design Meetings in March and April 2009

We have tried, where possible, to group like items together. There are no headings for these groups, but they should make it easier to identify functionality and evaluate whether items need to be added.

1. Easy entry data for individual items and multiples as archive collections
2. Ability to create 'sub-records' for objects pairs or parts of objects that share one accession number.
3. Very easy associated file attachment with automated, voice-enabled metadata generation
4. Easy, rapid data entry for very minor or duplicate treatments
5. Flexibility of formats for object records
  - a. easy moving/choosing between check lists, text blocks
  - b. not having to worry about file names
6. Allow for idiosyncratic approaches
7. Fun to use
8. Intuitive, simple system with tutorial and training
9. A system that prompts our profession to keep evaluating 'why'
10. Free with free support
  
11. Quantifying state of preservation
  - a. transfer "weathering" into numbers e.g. "yellowing" of epoxy fills—"how yellow?"
12. Cloud-based, shared, trusted storage for (e.g.) images, data
13. Include HXS prompts and checklists/risk assessments
14. Include condition assessments/treatment assessments with estimated time
  
15. Data entry & image uploads –multiple methods
  - a. Voice transcription
  - b. Handwriting on tablets
  - c. Remote to networked systems
  - d. Phones, handhelds

16. Means of turning marked images into numbers
17. Image editor for marking photos
18. Annotated images and data
19. Images of objects with links to text and data files
20. Image based database--the objects are the best teachers
  - a. Help to develop a visual vocabulary
  - b. Provide for searches of tech exam images just as xsections/uv/ir/x-ray etc.
21. Image based searching—exploring a predominantly visual domain via images
22. New technology for condition checking—software will accept audio, touchscreen etc. Inputs
23. Sharing image collections/resources
24. Digital images for ‘maps’-(damage, treatment, samples etc.)
  - a. with scale, grid, symbols, arrows etc.
25. Use digital images to draw eg. Damage on comp. Screen
26. Ability to store and view image files in high resolution, zoomability
27. Easy image uploading
28. Image-based vs text/written document-based
29. Image mark-up layers which are separate but related to image file
30. DiGIR-type information sharing (3D)
31. Annotate-able images
32. Access to conservation images through database
  
33. Easy to create reports
34. Report ‘draft’ tool with wiki functionality for collaboratively generated documents
35. Possible to print out hard copies of
  - a. treatment records
  - b. proposals
  - c. assessments
  - d. vocabulary lists
  - e. check lists
36. A way to handle reports in bulk say what you want to say ‘ok’ to moving 500 objects

37. Treatment/condition reports with tags to generate new connections (semantically tagged)
38. Auto report summary for abstracts, etc.
39. NOT Crystal Reports
40. Toggle between reports easily
41. Flexible creation of report templates
  - a. individual objects
  - b. multiple objects
42. Lists of images of single object
43. Lists of reports on objects
  
44. Smart search
45. Easy searching/indexing systems
46. Ability to store and search scientific data
47. Search by:
  - a. media
  - b. technique
  - c. procedure
  - d. analytical results
  - e. attached media (pdf, image, etc.)
48. Data mining tool
  - a. especially, for email related to conservation work
49. Ability to call up ALL record for 1 object
50. Searchable paint x-sections database by different criteria: artists, color, pigments, etc.
51. Free text searches
52. Search on multiple fields
53. Searchable image content
  
54. Web feeding
55. Web browser database
56. Remote access
  
57. Sharing across different institutions

58. Sharing across departments within museums
59. One point of entry allowing access to lots of different types of information
60. Open access for all—conservators, curators, scientists, other museum professionals + general public
61. Share our data with everyone in the world
62. Shared locations for capture/dissemination of knowledge
  
63. ROBOTS! (non-evil)
64. Make it possible to create ‘packages’/groups of records/objects
65. Possibility to reach back to the people who searched our database
  
66. Mixed procedure-narrative and data entry for occasional users
67. Reference-able narrative chunks (stories)
  
68. Reduction of time spent in documentation!
69. Save time for documentation and search
70. Small treatment shortcut document
71. Secretary, octopus, automated analysis
72. Communication pattern templates with template edit/archive
73. Certified digital repository for conservation documentation
74. Best practices protocols for documentation
75. Standardize documentation methods in training programs
  
76. Import/export
77. A sustainable system and data export
78. “Sell by date” or “best before...” (additional note “for materials?”)
79. Support access to information required
  
80. Flexibility to modify
  
81. Multi language
82. National language (possibility to create an interface in local languages)
83. Cameo in multiple languages
84. Support for non-European, non left-to-right character sets

85. Customizable pick lists for materials—techniques and damages that reoccur often
86. Conservation materials lists with international alternatives
87. Standard thesauri for conservation
88. Standard thesauri for object materials and conservation materials with synonymy resolution for preferred terms + foreign language terms
89. Terminology: illustrated
  
90. Seamless edit/presentation
  
91. An auditing system to ensure that material is not corrupted or altered at a later date
92. Electronic signatures
93. Accountability
  - a. tally
  - b. lists of work accomplished
  
94. Share information in a cascade from peers to wide public
95. Different levels of access—engage the public/legislators. Children are the future—engage them as early as possible
  
96. Bibliographies/art historical/scientific/technical and treatment
97. Linked to selected case studies—paintings (any object) see in different ways front/back/different light and exam techniques
  
98. Keep it simple! And do it soon! User-friendly
99. Something simple
  
100. Cons.pedia for learning
  
101. Possibility for storing comp topographic movies
102. Ability to plug in additional modules/techniques
103. Automated abstract possibilities

104. Processes of exam and co explained—what in uvf how does it work?/ what does it tell us etc.
105. Very complex database, very simple user interface
106. Intuitive interface
107. Global buy-in to use
108. Act as archive and support workflow
109. Copes with small museums where one person fulfills many roles without unnecessarily steep learning curve
110. Doesn't impose process on museums where not wanted: potential disaster: museum changes practice to match software
111. Addressed what museums are really like, rather than only how they wish they were: being honest about what happens and exceeding good practice. Don't want something only useable by museums in heaven.
112. Management of multiple workflow that occurs simultaneously
113. Very flexible front-end generation/reformatting to allow customized workflows
114. Ability to track movement/loan history of an object
115. Conservation history records transcribed with semantic links
116. Capture brief actions easily
117. Track tasks pending
  - a. by conservator
  - b. by specialty
118. Stratigraphy schemes with links to sample analysis, treatment reports etc.
119. Create/access analytical repositories, e.g., stone or bronze analysis
120. Want to see 'global' history of object in one area e.g., treatment, analytical work, when surveyed, when on loan etc. All in one plane.
121. Technical draw package associated with object record
122. Warning signs e.g., Check condition of sensitive objects
123. Reminder function: carry out various tasks rel. To conserve.
124. In/out log function: part of studio manage/logistic

125. Commonalities of a timeline with reminders/calendars
126. Email notification
  - a. based on group
  - b. select by project manager
127. Templates for process
  - a. series
  - b. layered
128. Granularity
129. Documentation-type wizards for workflows
  - a. modify
  - b. edit
130. Record sealing/locking
131. Easy documentation
  - a. in-line
  - b. on-line
132. Interoperability with other third-party applications
  - a. library
  - b. museum
  - c. collections management system
133. Linkable to all existing collections management systems
134. Information exchange with collections management database
135. Start with a work of art (image/3dmap/building)
  - a. linked to everything (analysis, physical history, paper trail, addition, other objects, track views, entries)
136. Every field: possibility choose between free text/drop down list/or thesaurus
137. Consider existing models (CIDOC) And exchange formats and look beyond conservation
138. Pop-up field documentation
139. Sort, group, filter by range of parameters
140. Organization by:
  - a. object
  - b. project

141. Security by user

- a. add
- b. edit
- c. read only
- d. access denied

142. System/data migration supported by Mellon Foundation

143. Something with patents (?)

144. Persistent identifiers for objects, concepts, images