Topics

• Status
• User Interface Input
• Issues Not Addressed
• Proposed Resolutions
• Visual Design Options
• Next Steps
Status

- Use cases and L4 requirements were finalized in April.
- Implementation work plan was presented to the MC in May.
- User interface, search prototype and usability test plan were reviewed in May.
- Feedback being addressed, some have been incorporated into mockup and prototype.
- System design review was held in July.
- System implementation is in progress.
- Visual design peer reviewed by the working group in early August.
User Interface Input

- Received input primarily from SBN, PPI, Rings, and NAIF
  - 36 issues raised (plus 4 duplicates)
  - All issues now tracked in EN defect-tracking system
- Key issues addressed (18)
  - Search category and layout problems (PDSEN–3,5,7,24,37,38)
  - Other search suggestions (PDSEN–30,41)
  - Search result pages (“real” mockups) (PDSEN–28)
  - Navigation suggestions and improvements (PDSEN–9,20,36)
  - Layout & organization issues (PDSEN–14,15,17,22)
  - “Won’t fix” (PDSEN–18,19) (need to confirm with authors)
- Issues deferred to implementation (8)
  - Target/type & instrument/type hierarchy (PDSEN–26,27)
  - Target name search/autocompletion (PDSEN–4)
  - Aliases for target names (PDSEN–34)
    - Especially relevant for Small Bodies
  - Other search improvements (PDSEN–6,8,35)
  - Need Node input/help (PDSEN–11)
Issues Not Addressed (10 of 36)

• Stylistic preferences (probably don’t affect usability much) (3)
  – Node links (PDSEN–2,10)
    • “Users should not see links to Nodes”, “Page should have Node links”
  – Link repetition (PDSEN–8)
    • “Remove all duplicate links” (but almost all sites have some duplicates)
• What is PDS’s audience? (2)
  – Nonscientific audiences (PDSEN–12)
  – Photojournal link on home page (PDSEN–13)
    • “Photojournal is not a PDS site: move to Related Sites”
• Scope of content (1)
  – “I wonder if we should have documentation on things other than proposing and data preparation” (PDSEN–16)
• Catalog/Node inconsistencies -- Large number of comments (4)
  – Missing data sets (PDSEN–31,32)
  – Superseded datasets (PDSEN–29)
  – Incorrect targets (TNO vs. asteroid, e.g.) (PDSEN–31)
  – Strange targets (PDSEN–40)
    • E.g., a mission snaps a few very-long-distance shots of a body, perhaps during calibration
Proposed Resolutions

• **Links to PDS Nodes**
  – *Do* show as a menu on main page
    • “PDS Nodes” or “PDS Web Sites” or ?
  – *Do* make PDS federated structure more clear on Home Page
  – *Do not* promote Node home pages as a search destination
    • On main search page, do not suggest visiting Node home pages
    • *Do* suggest visiting Node search tools

• **PDS Audience**
  – *Do* address nonscientific audience on home page, by encouraging them to go elsewhere
    • Photojournal, etc.
  – *Do* make it more clear that PDS Home Page is for scientists
  – *Do not* address nonscientific audiences further within the site
More Proposed Resolutions

• **Scope of Content**
  – Encourage Nodes to suggest further content/topics
  – Help Nodes create new content (perhaps in Phase 2)
  – Solicit suggestions for more content during usability testing

• **Catalog/Node Inconsistencies**
  – Two viewpoints encountered:
    • Central catalog will never be right, and it’s too much work to correct, vs.
    • Catalog *must be correct*, else what is our business?
  – *Suggest* latter viewpoint is more useful, but will take time/effort to achieve
    • EN will work on more automated way of maintaining central catalog, e.g.
    • Consistent storage structure at Nodes would be helpful
    • Make sure there is a URL to all holdings of Node, in archived format
    • *Do not* show superseded data sets as search results (except for explicit search using ID)
    • *Do* make data sets available earlier in central catalog
Visual Design Options

- Four options distributed

NASA-inspired

Plain

PDS-inspired

Gray
Next Steps

- Finalize visual design based on input from the MC (August, 2007)
- Complete implementation and integration (October, 2007)
- Complete testing (November, 2007)
- Generate test report and review test results with Tech Staff (December, 2007)
- Present review result and demo to the MC (January, 2008)
- Release (February, 2008)