Using X3D Metadata for Domain-Specific Information

Workshop Proposal for Web3D 2017 Conference

Presenters

- ☐ Vince Marchetti, KShell, vmarchetti@ameritech.net
- ☐ Don Brutzman, Naval Postgraduate School (NPS) and Web3D Consortium, brutzman@nps.edu
- ☐ Meghan Coakley, NIH
- ☐ Leslie Sikos

Duration: 2 hours

Workshop Goals

- ☐ Gather information from workshop participants using X3D over a span of domains, such as Medical application, CAD visualization, Culture Heritage archiving; for their requirements for metadata that may be incorporated in an X3D files.
- ☐ Propose working items for the Web3D Consortium to prepare and disseminate best practices guidelines for embedding domain specific metadata in X3D files.
- ☐ Develop recommendations for the X3D v 4.0 draft to maintain and extend metadata capabilities in a DOM environment.

Workshop structure

Workshop will be anchored by brief presentations and question-answer sessions. Topics for presentations by organizers and invited guests:

- Current Metadata capabilities in X3D V 3.3 (suggested presenter Puk)
- Domain: Attribution & Licensing (Coakley)
- Domain: Medical applications and privacy requirements (Aratow)
- Domain: CAD and traceability (Marchetti or Mouton)
- Domain: Culture and searchability (Sikos)