



Kanishk Chaturvedi
16.12.2014

Minutes of Meeting CityGML 3.0 WP06 Fifth Teleconference

Participants

- Thomas H. Kolbe, TU Munich
- Gilles Gesquiere, LIRIS
- Steve Smyth, OpenSitePlan
- Volker Kraut, M.O.S.S.
- Tatjana Kutzner, TU Munich
- Kanishk Chaturvedi, TU Munich

The following statements refer to the presentation slides shown during the teleconference and which are also attached as an appendix:

Presentations

The discussion was related to reviewing, 'How does the versioning work in other related standards / Tools?'.

IFC

- Gilles presented the state of the art on Versioning system for IFC.
- IFC does now own a versioning system, but extensions have been proposed for the same in several papers, which were discussed in the meeting.
- The presentation slides are attached as an appendix.

GIT/SVN

- Steve presented on how the versioning works in content management systems and version control systems. The approaches were discussed related to SVN/CVS and Git/Mercurial. Then, the suggestions were put forward for versioning in WP06.
- The images used during the presentation are attached as an appendix.

AAA/INSPIRE

- Tatjana presented on the versioning approach in AAA. The documentations were reviewed in relation to managing multiple versions in AAA.
- Followed by it, the discussions were related to the versioning approach in INSPIRE.
- The presentation slides are attached as an appendix.

ESRI ArcSDE Geodatabases

- Kanishk presented on ESRI approach for managing versions in ArcSDE Geodatabases.
- The presentation includes the approaches related to versions/version workflows, the database states within the versions, merging of different versions and conflict detection and resolution.

- The presentation slides are attached as an appendix.

Oracle Workspace Manager

- Kanishk presented on Oracle approach for managing versions in Oracle databases using Oracle Workspace Manager.
- The presentation slides are attached as an appendix.

Next meeting

- Next teleconference will take place on January 20, 2015.
- Kanishk will prepare a draft of the writing structure of the paper related to the versioning approach in CityGML.
- The discussion will take place on the representation of dynamic attributes.
- Use cases will be collected and prepared on the support of dynamics within CityGML.