TITLE: 3D Portrayal V1.0 Standards Working Group Charter

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General Call to be included in the participation announcement.

To: OGC members & interested parties

A new OGC Standards Working Group is being formed. The OGC members listed below have proposed the OGC 3D Portrayal v1.0 SWG. The proposal provided in this document meets the requirements of the OGC TC Policies and Procedures.

The SWG name, statement of purpose, scope, list of deliverables, audience, and language specified in the proposal will constitute the SWG's official charter. Submissions of technology for consideration by the SWG, and the beginning of technical discussions may occur no sooner than the SWG's first meeting.

This SWG will operate under the OGC 2007 IPR Policy. The eligibility requirements for becoming a participant in the SWG at the first meeting (see details below) are that:

  (a) you must be an employee of an OGC member organization or an individual member of OGC;
  (b) the OGC member must have signed the OGC membership agreement;
  (c) you must notify the SWG chair of your intent to participate to the first meeting. Members may do by using the "Join this SWG" button on the SWG's public page at **http://www.opengeospatial.org/projects/groups/3dprotrayalswg**; and
  (d) you must attend the first meeting of the SWG, at the time and date fixed below.

Of course, participants also may join the SWG at a later time. The OGC and the SWG welcomes all interested parties.

Non-OGC members who wish to participate may contact us about joining the OGC. In addition, the public may access the some of the resources maintained for each SWG: the SWG public description, the SWG Charter, Change Requests, and public comments, which will be linked from the SWG's page.

Please feel free to forward this announcement to any other appropriate lists. The OGC is an open standards organization; we encourage your feedback.

1. 3D Portrayal v1.0 SWG

2. Purpose of the Standards Working Group

The purpose of this Standards Working Group is to progress the Candidate Web 3D Service Interface Standard v 0.4.0 document (OGC Doc. No. 09-104r1) and the Web View Service Discussion Paper (OGC Doc. No. 09-166r2) to the state of an integrated, adopted OGC standard. The SWG will achieve this objective by processing the comments submitted during the public comment period and ensuring that the candidate standard is consistent with the OGC baseline and business plan.

3. Scope of Work

This SWG is mainly focused on processing the 3D Portrayal RFC submission.

The scope of work itself includes evaluation of the submission, preparation of the document for the 30-day public comment period, collection of comments, review of comments received, and additional edits to the candidate standard based on the comments. The final deliverable of 3D Portrayal SWG will be a version of the candidate standard for consideration by the membership.

3.1   What is out of scope?

This SWG is to be focused only on evaluation of the RFC submission, on preparation of the document for the 30-day public comment period and on processing comments submitted during the 30-day public comment period. It is at the discretion of the SWG whether or not external (to the OGC membership) or internal (by OGC members) change requests are reviewed or not.

3.2   Specific Contribution of Existing Work as a Starting Point

The starting point for the work will be the Draft Web 3D Service Interface Standard v 0.4.0 document (OGC Doc. No. 09-104r1) and the Web View Service Discussion Paper (OGC Doc. No. 09-166r2).

3.3   How it is to be Determined when the Work of the SWG has been Completed

The work of the SWG is considered complete when:
1. All comments submitted during the 30-day public comment period have been dealt with to the satisfaction of the SWG.
2. A final version of the candidate 3D Portrayal v1.0 Document has been produced by the SWG consistent with (1.) and which the SWG approves for submission to the TC for approval as an adopted OGC Encoding Standard.

4. Description of deliverables

The following deliverables will result from the work of this SWG:
1. A draft version of the candidate 3D Portrayal v1.0 standard document.

2. An annotated list of all comments submitted during the 30-day public comment period, including the comment, submitter, rationale, comment type/priority, and the response of the SWG.

3. A final version of the candidate 3D Portrayal v1.0 standard document for submission to the TC and an adoption vote.

The following schedule of activities is anticipated:
1. The first meeting of the SWG will be held at the OGC TC meeting in Redlands, 14.-18.1. 2013. The general schedule will be identified during the Redlands meeting.

5. IPR Policy for this SWG

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Caveats: _____

6. Anticipated Audience

The target audience of the 3D Portrayal v1.0 is those involved in the design, development, implementation and use of 3D city models in terms of a web-browser based access and visualization both as scene graph rendering and image based rendering.

It is envisioned that the 3D Portrayal standard will be implemented by the following organizations

- Providers of 3D city models (i.e. cities, national mapping organizations and private data providers)
- GIS, CAD and BIM vendors
- Mass market software vendors interested in geographic based applications and the consumer.

7. Other informative information about the work of this SWG

a. Similar or applicable standards work (OGC and elsewhere):

The following standards and projects may be relevant to the SWG's planned work, although none currently provide the functionality anticipated by this committee's deliverables:

OpenGIS Geography Markup Language (GML) Encoding Standard V3.2.1 (OGC document 07-036)

OGC City Geography Markup Language (CityGML) Encoding Standard V2.0 (OGC document 12-019)

OGC KML V2.2.0 (OGC document 07-147r2)

ISO 19775-19777 (X3D)

The SWG intends to seek and if possible maintain liaison with the Web3d Consortium for X3D and X3DOM coordination and KronosGroup for Collada and WebGL coordination..

b. Details of the first meeting

The first meeting of the SWG will be held at the OGC TC meeting in Redlands, 14.-18.1. 2013 The definitive time and agenda will be provided to the SWG's e-mail list and on the portal calendar in advance of the meeting.

c. Projected on-going meeting schedule

The work of the committee will be carried out primarily by email and conference calls as required. Face-to-face meetings will happen at each relevant OGC TC meetings. Other face-to-face meetings may be called if this can expedite the work of the SWG.

d. Supporters of the Proposal

The following people support this proposal and are committed to the Charter and projected meeting

schedule.

1. Volker Coors, Fraunhofer IGD
2. Benjamin Hagedorn, HPI
3. Ralf Stüber, CPA
4. Alexander Zipf, University of Heidelberg

e. Convener

V. Coors, Fraunhofer IGD