OGC CityGML Hackathon Agenda

11-12 June 2019, Geovation Hub, London

*Note to Remote Participants please ensure that chat communication for the hackathon is via Gitter (*https://gitter.im/opengeospatial/CityGML_Hackathon2019*) and **not** via GotoMeeting chat.*

Day 1

08:45 Registration and welcome coffee

Remote participants 9:15 – 11:15 https://www4.gotomeeting.com/join/798817181

09:15 Welcome and objectives for hackathon (Carsten Roensdorf, Ordnance Survey & OGC) Remote participants https://www4.gotomeeting.com/join/798817181

09:30 Welcome note (Geovation Hub Staff)

09:45 Hackathon Programme / Housekeeping (OGC and Chairs)

10:15 Tatjana Kutzner, Technical University of Munich - *CityGML (incl ADE) overview and Introduction to v3.0 UML model*;

10:40 Adrian Slatcher, Manchester City Council - *Triangulum project in Manchester and smart city context;*

11:00 Peter Parslow, Ordnance Survey & OGC, *CityGML 3.0 visualisation tool challenge*

11:15 Break

Remote participants 11:30 – 13:00 https://www4.gotomeeting.com/join/142798645

11:30 Resources available for participants: *Data Catalogue and the wealth of datasets available for practical work* – Izabela Hurst and Nikki Goodwyn, Ordnance Survey

12:00 Implementation examples – Diana Moraru, Ordnance Survey, *Extending CityGML v3.0 for IFC-sourced 3D city models;*

12:30 Experimentation brief:

- Menu document with options for practical work, Software and Informative materials available, CityGML website, CityGML GitHub page/s - Diana Moraru, Ordnance Survey
- Coordinate/split groups (SWGs) and define the work scope: *how implementable is CityGML v3.0 data and specification* – Diana Moraru/Carsten Roensdorf, Ordnance Survey

13:00 Working Lunch and practical work start (come up with multiple options/scenarios and chose a preferred option for implementation work) (note there is no Goto meeting session from 13:00 – 16:00. Remote participants please communicate via the Gitter channel during this time)

16:00 FME Doctor's Office https://www4.gotomeeting.com/join/291997229

17:00 Back-briefs from each group https://www4.gotomeeting.com/join/932271733

17:30 Early Dinner at Geovation Hub

18:00 Resume (implement the preferred option/scenario)

19:30 Back-briefs from each group https://www4.gotomeeting.com/join/473959813

20:00 Adjourn

Day 2

09:00 FME Doctor's Office https://www4.gotomeeting.com/join/748137157
10:00 Summary of where we are / progress overnight / feedback from remote participants https://www4.gotomeeting.com/join/236864253
10:300 Resume (implement the preferred option/scenario)
12:30 Working Lunch (complete implementation of the preferred option]
14:30 Final presentation of group results https://www4.gotomeeting.com/join/588066989
15:30 Discussion and next steps
16:30 Closing note (OGC – 15min, Chairs-15min)
17:00 Close

Suggested Practical Work Structure

This is merely a suggestion for how you could structure the work – it shouldn't restrict how you work during the hackathon.

Day 1

12:00 – 17:00

- 2hrs – familiarise with data (i.e. visualise/inspect source data)
- Find collaborators amongst the participants if you want to
- 1hr – chose area/use cases you are interested in (e.g. pick menu item)
- 2hrs – transform option/menu item into CityGML v3.0
- Back-briefs – think of results and how they can influence CityGML v3.0 model.

17:30 – 19:30

- Continue work with selected option/menu item.

Day 2

09:00 – 14:30

- Choose 2nd menu item or continue with 1st option
- Back-briefs – think of results and how they can influence CityGML v3.0 model
- Visualise/Inspect CityGML 3.0 output and create short demo.