Patty Data team scrum tasks

21-23 October 2014

Team: Milena, Elena, Romulo, Oscar and Susan (1 day?).

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| **Day**  **and**  **goal** | **#** | **Task description** | **Assignee(s) and suitability ( [Y]es | [M]aybe | [N]o )** | | | | | | | | | | | | | | |
| **Milena** | | | **Elena** | | | **Romulo** | | | **Oscar** | | | **Susan** | | |
| Y | M | N | Y | M | N | Y | M | N | Y | M | N | Y | M | N |
| Tue  21.10.14  **Create baseline solution** | 1 | Setup the web-server at the local Via Appia server | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | *Present?* | | |
| 2 | Create scripts to automate conversion from original data format to POTree format | ☐ | ☒ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ |
| 3 | Upload converted data to the web-server | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ |
| 4 | Connect POTree viewer to the web-server | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ |
| 5 | Visualize via appia dataset using viewer of the visualization group linked with our data management solution | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ |
| 6 | Test if the float precision issue (Maarten) is solved | ☒ | ☒ | ☐ | ☒ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ |
| 7 | Determine optimal parameters (number of levels and scaling) for the POTree converter per data set: ViaAppia (100M), 2: 2B of ANH2, 3: 20B of AHN2, 4: full AHN2 | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ |
| 8 | Talk to the analytics team about their interface requirements | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ |
| Wed  22.10.14  **Use DBMS to scale up and extend semantics** | 1 | Store the octtree leaves in DBMS | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 2 | Create scripts to transform the a request for an octtree leave to a DB query | ☐ | ☒ | ☐ | ☒ | ☒ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 3 | Extend the POTree viewer to use the interface from task 2 | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ |
| 4 | Adapt he DB schema to contain metadata for the high resolution point clouds | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 5 | Create JSON representation of sites | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 6 | Test the baseline solution developed on Tuesday | ☒ | ☒ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ |
| 7 | Study the usage of Xenon for client-server interaction | ☐ | ☐ | ☒ | ☒ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ |
|  | | | | | | | | | | | | | | | | | |
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| **Milena** | | | **Elena** | | | **Romulo** | | | **Oscar** | | | **Susan** | | |
| Y | M | N | Y | M | N | Y | M | N | Y | M | N | Y | M | N |
| Thu  23.10.14  **Benchmark and wrap up** | 1 | Create scripts for benchmarking all components | ☐ | ☒ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | *Present?* | | |
| 2 | Test with the scripts from task 1 using Via Appia data | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ |
| 3 | Test with the scripts from task 1 using ANH2 data | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ |
| 4 | Update eStep with knowledge during scrum | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☐ | ☐ |
| 5 | Define next steps | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ |
| 6 | Prepare 10 mins. presentation which summarizes the scrum session | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ |