

Quality Control Check Rules for SMS Connections

Rules for checking map connections from Ted

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Subject: Quality Control Check of SMS connections
Date: Tue, 09 Nov 2010 18:36:07 -0500
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Hi all-

As promised, here are some "things to look for" in trying to rectify inconsistencies between Atlas 1 and Atlas 2 as represented in the Strand Map Service.

Issues that need to be examined and/or rectified:

1. Benchmark A and Benchmark B appear on Map X and Map Y. They are connected on Map X but not connected on Map Y
2. Benchmark A and Benchmark B appear on Map X and Map Y, A --> B on Map X but B --> A on Map Y
3. Across all maps Instances where "A --> B --> C --> A" or "A --> B --> C --> D --> A" or "A --> B --> C --> D --> E --> A" and so on.
4. A case of A --> B where A is in a higher grade level than B is.

A couple notes:

Any time a conflict is found, I will need to know on which maps each of the connections is found in order to work through a solution.

There will be instances for number 1 above that are ok, and require no correction, but it would be a good to examine as part of the quality control process.

A program that finds the recursive loop

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"A --> B --> C --> D --> A",
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there would also be a loops for

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"B --> C --> D --> A --> B"
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"C --> D --> A --> B --> C"
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"D --> A --> B --> C --> D".
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It would be nice to have the search consider this one problem rather than four separate ones.

Finally, there are cases where we have decided when doing Atlas 2 and Benchmarks Online to split a benchmark that appeared as whole in Atlas 1, and also where we took what was two Benchmarks in Atlas 1 and combined them to form one benchmark in Atlas 2 and benchmarks online. I am not sure how the strand map service is currently dealing with these issues.

Let me know if you have any questions or concerns.

-Ted