

Sonic Visualiser - Bug #1796

Suspicious LogRange behaviour for very small min and max

2017-02-23 09:30 AM - Chris Cannam

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|---|--------------|-----------------|------------|
| Status: | Closed | Start date: | 2017-02-23 |
| Priority: | Normal | Due date: | |
| Assignee: | Chris Cannam | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| <p>How should LogRange::mapRange behave when either min or max is non-zero but smaller than the provided threshold?</p> <p>As it stands, we will get a "wider" range for mapRange(1e-20, 1) than we will for (0, 1), which doesn't seem to make a lot of sense. We should add some tests for these and check what it really should do for proper behaviour.</p> | | | |

History

#1 - 2017-02-28 03:27 PM - Chris Cannam

I've persuaded myself that the current behaviour is OK, thinking of the threshold value as a sort of substitute for the singularity at 0 rather than an actual threshold. I've added some unit tests that document and ratify this situation.

#2 - 2017-02-28 03:30 PM - Chris Cannam

- Status changed from New to Resolved

#3 - 2017-03-03 12:02 PM - Chris Cannam

- Status changed from Resolved to Closed