

**ence:** People who enjoy interacting using words and sounds

**ription:** Cluster-Converse is a program to create conversations which span any space, long times, and different people

### Overview

Cluster-Converse starts a conversation when a person is detected by playing a sample from the previous speaker. That person then can continue the conversation by speaking in the mike. The conversation is built with the samples that have been collected from all the nodes on the networked cluster, which have been categorized to make the program's replies more relevant.

### Prototype

The idea for the program came out of developing a sound installation. During the testing, when I was talking to it, I found that there was the rudiments of a conversation in the interaction. This prototype is currently just two nodes. The cluster could be expanded to many nodes at different locations, with those locations being anywhere on the internet.

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works by taking a sample from the speaker, when a person has been detected using a proximity sensor and sound level monitors. The samples from the microphone are categorized and stored for future use. Then when a new sample is recorded, the program attempts to find a stored sample which