The IRIS DMC: Current status and near term plans

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The IRIS Data Management Center has traditionally received seismic data delayed for a variety of reasons. As the use of the Internet continues to become dominant, the IRIS DMC is now turning toward methods of receiving, archiving, and distributing data in real time.

The IRIS DMC is currently using the Antelope ORB from BRTT, the Earthworm system developed by the USGS, and the University of Washington developed SPYDER (R) system to receive data in near or real time. We are combining these data into a uniform data management system at the DMC and are developing the techniques to redistribute the data using ORB, Earthworm, LISS and a new Data Handling System being developed within IRIS.

We anticipate building FARM and SPYDER(R) volumes in near real time, and being able to deliver data from the archive, playback of earthquakes in simulated real time, and by real time data feeds during the next year.

This presentation will highlight the current status of the various new data distribution activities within the IRIS Data Management System.