Data format of K-NET02 strong-motion seismograph (Kyoshin-WIN32 format)

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National Research Institute for Earth Science and Disaster Prevention (NIED) operates Kyoshin network (K-NET), the national strong-motion observation network of Japan. NIED uses K-NET format, a text-based data format for publication of waveform data. Actually K-NET02 strong-motion seismograph uses a binary-based data format called Kyoshin-WIN32 format for internal data storage.

Kyoshin-WIN32 format is based on WIN32 format of the High-sensitivity seismograph network of Japan (Hi-net) modified from WIN format which developed by Earthquake Research Institute, University of Tokyo. Kyoshin-WIN32 format was modified to handle triggered data of strong-motion observation.

Kyoshin-WIN32 format is called the WIN32-like data format of the new strong-motion seismograph of K-NET in the final report of the committee for the next generation seismic intensity observation network of Japan under the Fire and Disaster Management Agency (March, 2006). We will present the outline of Kyoshin-WIN32 format.