Abstract:

Earth Observation Information and Data System (EOIS) is the system about data catalogue and browse search\&order service and on-line data distribution, based in Earth Observation Center (EOC) Japan. Registered users can search and order the earth observation satellite products like LANDSAT, SPOT, JERS, ERS, MOS, ADEOS, TRMM, AMSR-E/Aqua and ADEOS-II.

Spending 2 years between 2002 and 2004, Information Service System, (ISS), user service subsystem of EOIS, was integrated, under PC LINUX environment, from Data Retrieval Subsystem (DRS), Catalogue Subsystem (CATS) and EOIS user interface software (EUS), which worked under UNIX environment. This release of ISS aims for decreasing operation cost by adopting LINUX, improving usability by changing GUI and developing on-line distribution service.

This paper presents overview about the design of ISS, the lesson learned identified through the renewal, and future work based on user evaluations.