A Learning Environment Integrating ITS and CSCL System

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In our previous research, we developed an ITS on the Web called CALAT (Nakabayashi etc., 1995) and a CSCL system called COLLABONAVI (or CoNAVI, the old name) (Sato etc., 1998). CALAT has a personal adaptation mechanism using a knowledge-based engine. CALAT monitors learners' circumstances and the engine provides users with the most effective material for their particular learning circumstances. COLLABONAVI enables learners who are in separate physical locations but have the same learning objectives to interact (by using a chat or message board) while sharing web pages in a virtual learning space on the Web. To combine the advantages of ITS and CSCL, we developed a learning environment integrating CALAT and COLLABONAVI. In this demonstration, we will introduce the learning environment integrating ITS and CSCL system that enables more effective remote learning.

References