

Programming Blaise for a Multi Questionnaire Study

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Child Development Supplement (CDS) Study consists of three questionnaires. These questionnaires are correlated to each other, and each questionnaire contains multiple components. In order to develop a robust Blaise system, several complex programming features and concepts are utilized. For example, Parallel Block Programming is used so users can freely navigate to different components of a data model; Preload strings for subsequent questionnaires are generated in a parent questionnaire so the Sample Management System can extract a small number of variables from the Blaise data model to spawn new samples easily; A systematic programming for Woodcock-Johnson Tests of Cognitive Abilities is developed for easy maintenance and testing. In addition, our CAI Testing Tool has been enhanced so the spawning of new lines can be easily tested. In this paper, we will present different features used in the study.