SINCom - the new program package for combined processing of space geodetic observations

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The software SINCom realizing the combination of standardized SINEX-files is introduced. The program package is meant to work in the following two modes: a combined solution within one observational technique on the appointed time interval and an inter-technique combination of daily SINEX-files. The problem-oriented aspects and the requirements for the content of incoming SINEX-files are viewed. The realization of stations velocities estimation is recounted. The mathematical model, algorithms and the special task-forming language are presented. The main features of developed software and the arising problems are discussed. The extensive plans of the SINCom use to obtaining TRF combined solution are considered. The fist experimental results of single-technique combination for VLBI, GPS and SLR observations are presented.