A Simple Realization of the Entity-Relationship Model of Data

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The FORTRAN77 program COCHA for the data structure management is described. COCHA provides a very simple implementation of the entity-relationship model of data, including dynamic memory management, the direct access of users to COCHA banks, the algebra of relationships, and the compact event presentation. COCHA was used to develop the reconstruction code for the Spherical Neutral Detector which is in operation at the e^+e^- collider VEPP-2M in Novosibirsk from 1995. An experience of using COCHA is discussed.

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