

## **Automated Support for State-Based Testing**

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**Abstract.** In this paper the object-oriented software testing environment (TOSTER) is presented. This environment supports state-based testing of object programs. TOSTER extracts information from two commercial CASE tools – Paradigm Plus and Select Enterprise and supports test generation for C++ and Java classes. In TOSTER the state vector testing method is used. The state vector method and its implementation is briefly described. A simple example of testing in this environment is also given.

**Key words:** object-oriented testing, CASE