

In any state-transition table and diagram, x means any input other than that explicitly listed for the state

Each box in a state-transition table shows

Next\_State "output\_string" assignments\_to\_variables

in the Times-Roman, Courier, and Helvetica fonts respectively. There are occasionally Boolean conditions, in the form

boolean\_expression →

in the Helvetica font, that express conditions under which different processing occurs. For any given box, the disjunction of the conditions must be TRUE and their conjunction should be FALSE. The condition is inserted where it begins to make a difference. For example, if all conditions share the same Next\_State but not the same "output\_string" and assignments\_to\_variables, then the conditions are inserted after the one Next\_State.