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	Database ********* The content of the PRS database represents the current beliefs of the system, Some of these beliefs are provided initially by the system user. Typically, they include facts about static properties of the application domain, such as the structure of some subsystem or the physical laws that must be obeyed by certain mechanical components. Other beliefs are derived by C-PRS itself as it executes its KAs. They are typically current observations about the world or conclusions derived by the system from these observations and they may change over time. For example, at some times C-PRS may believe that the pressure of a tank is within acceptable operating limits, at other times not. Updates to the database therefore necessitate the use of consistency maintenance techniques. The database is one of the most important components of the C-PRS kernel. Its role is basically to "remember" which expressions or evaluable predicates are true and, to give the expressions back upon consultation. This consultation can be done by the user himself with a 'consult' command, see *Note C-PRS kernel Database Commands:; or by the kernel itself when it tries to execute a procedure, see *Note Procedure Execution and Run Time::. On top of these basic functionalities, several related functionalities are provided by the database and are very often critical in the application using C-PRS. They are all presented in this chapter. The database uses a term indexing mechanism [Stieckel], which has been extended in various ways to handle some specific mechanisms and allows consultation in constant time. * Menu: * Menu: * Menu:	Menu Database File Format Unification and Frames Conclude Consultation Closed World Predicates Functional Facts Basic Events
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