\( t_1 \land t_5 \)

\[ \vdash \]

\[ \vdash \]

\( q_1 \leftarrow (t_1 \land t_5) \)

\[ \vdash \]

\[ \vdash \]

\( \neg t_2 \lor t_4 \)

\( q_2 \leftarrow (\neg t_2 \lor t_4) \)

\( t_3 \lor t_6 \)

\( q_3 \leftarrow (\neg t_3 \lor t_6) \)

\( q_4 \leftarrow q_2 \land q_3 \)

\( q_5 \leftarrow q_4 \land q_1 \)
\[ \begin{align*}
q_4 & \rightarrow q_5 \\
q_1 & \rightarrow q_5 \\
t_1 \& t_5 & \rightarrow q_1 \\
t_3 & \rightarrow q_3 \\
t_6 & \rightarrow q_3
\end{align*} \]
\[ \begin{align*}
q_2 \& q_3 & \rightarrow q_4 \\
\neg t_2 & \rightarrow q_2 \\
t_4 & \rightarrow q_2
\end{align*} \]

Rules
1. team / event \rightarrow World-Series
2. St._Louis_Cardinals / Milwaukee_Brewers \rightarrow team
3. “Cardinals” \rightarrow St._Louis_Cardinals (0.7)
4. Cardinals_full_name \rightarrow St._Louis_Cardinals (0.9)
5. Saint & “Louis” & “Cardinals” \rightarrow Cardinals_full_name
6. “St.” \rightarrow saint (0.9)
7. “Saint” \rightarrow saint
8. “Brewers” \rightarrow Milwaukee_Brewers (0.5)
9. “Milwaukee Brewers” \rightarrow Milwaukee_Brewers (0.9)
10. “World Series” \rightarrow event
11. baseball_championship \rightarrow baseball_championship
12. baseball & championship \rightarrow baseball_championship
13. “ball” \rightarrow baseball (0.5)
14. “baseball” \rightarrow baseball
15. “championship” \rightarrow championship (0.7)

RULE BASE for (1982) World_Series
THE RULE BASE in a tree structure
THE RULE BASE in a tree structure
Query: (World_Series)

<table>
<thead>
<tr>
<th>Document</th>
<th>RSV</th>
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<tbody>
<tr>
<td>“World Series”</td>
<td>1.0</td>
</tr>
<tr>
<td>“Saint”, “Louis”, “Cardinals”</td>
<td>0.9 ←</td>
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<tr>
<td>“Milwaukee Brewers”</td>
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<tr>
<td>“St.”, “Louis”, “Cardinals”</td>
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<td>“Cardinals”</td>
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<td>“Ball”, “championship”</td>
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<tr>
<td>others</td>
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</tbody>
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Minimal Term Sets (MTS)