Exercise 6

Hand-out: 1 June 2005
Due: 21 June 2005

Master Solution

1. Genericity and Inheritance

Given the classes \textit{FOO} and \textit{BAR} from the BON diagram above and the classes \textit{LIST} and \textit{LINKED\_LIST, STRING} and \textit{ANY} from the EiffelBase library, specify which types from the following list conform to which other types:

\begin{verbatim}
LINKED\_LIST [BAR]
LINKED\_LIST [FOO]
LIST [ANY]
LIST [BAR]
LIST [STRING]
\end{verbatim}

Solution

\begin{verbatim}
LINKED\_LIST [BAR] to LINKED\_LIST [FOO]
LINKED\_LIST [BAR] to LIST [ANY]
LINKED\_LIST [BAR] to LIST [BAR]
LINKED\_LIST [FOO] to LIST [ANY]
LIST [BAR] to LIST [ANY]
LIST [STRING] to LIST [ANY]
\end{verbatim}