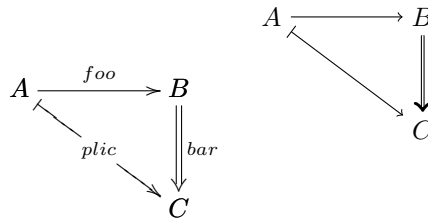


# Dednat6: a demo for diagtikz.lua

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Dednat6 can generate Tikz code for diagrams instead of diagxy code, but the current support for Tikz is a currently a very minimal prototype that only supports a few kinds of arrows — namely ‘->’, ‘|->’, and ‘=>’ —, it ignores the modifiers for labels, placement, slides, and curve, and it generates Tikz code that looks awful when rendered... the two diagrams below were generated from ‘%D’-blocks that were almost identical, but the first one used ‘`diagram test-diagxy`’ and ‘`enddiagram`’ and the second one used ‘`tikzdiagram test-tikz`’ and ‘`endtikzdiagram`’.



The Tikz code generated for the second diagrams is:

```
\defdiagtikz{test-tikz}{
  \begin{tikzpicture}
    \node (100 100) at (0.0,0.0) { $A$ };
    \node (140 100) at (2.0,0.0) { $B$ };
    \node (140 130) at (2.0,-1.5) { $C$ };
    \draw [->] (100 100) -- (140 100);
    \draw [{}->],double] (140 100) -- (140 130);
    \draw [{}->] (100 100) -- (140 130);
  \end{tikzpicture}
}
```

The problem is that I know very little Tikz! If you know how to make the Tikz code above better — how to fix the double arrow, how to add the labels, whatever — please get in touch!

The source of this file is here:

<http://angg.twu.net/dednat6/demo-tikz.tex.html>  
<http://angg.twu.net/dednat6/demo-tikz.tex>