Figure numbers are wrong

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Abstract. Problem with figure numbering, and how to fix it.

1 One

I ran across a problem with figure numbering in LATEX. This uses the "document class" syproc.cls. I have not tried it on others.

2 Two

Figure 3 should be Figure 1. This is what the figure code looks like:

```
\begin{figure}
  \vspace{1cm}
  \label{fig:one}
  \caption{Blank figure}
\end{figure}
```

The second figure is the same, except that it uses \label{fig:two}.

3 Three

Figure 3 should be Figure 2. This is what the figure code should look like to fix the problem:

```
\begin{figure}
  \vspace{1cm}
  \caption{Blank figure}
  \label{fig:one}
\end{figure}
```

The only difference is that the caption comes before the label.

Fig. 1. Blank figure

Fig. 2. Another blank figure