



starting.doc

```
\section{Example: show files in directory}

In this section we will illustrate the above with some small examples.
We will also show how the GUI can call procedures in the Prolog system.

The demo creates a list of files from the given directory and allows
the user to view a file. \Figref{fileviewer} shows the result.

\postscriptfig[width=\textwidth]{fileviewer}{The FileViewer demo}
```

```
\begin{pcecode}
fileviewer(Dir) :- 
    new(F, frame("File Viewer")),
    send(F, append, new(B, browser)),
    send(new(D, dialog), below, B),
    send(D, append,
        button(view, message(@prolog, view,
            B?selection?key))),
    send(D, append,
        button(quit, message(F, destroy))),
    send(B, append,
        listbox(D, Dir, Dir))).

```