

# Building Browsers with Glamour

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# Analysis data

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The difficult of processing and analysis data comes from the sheer size model can have

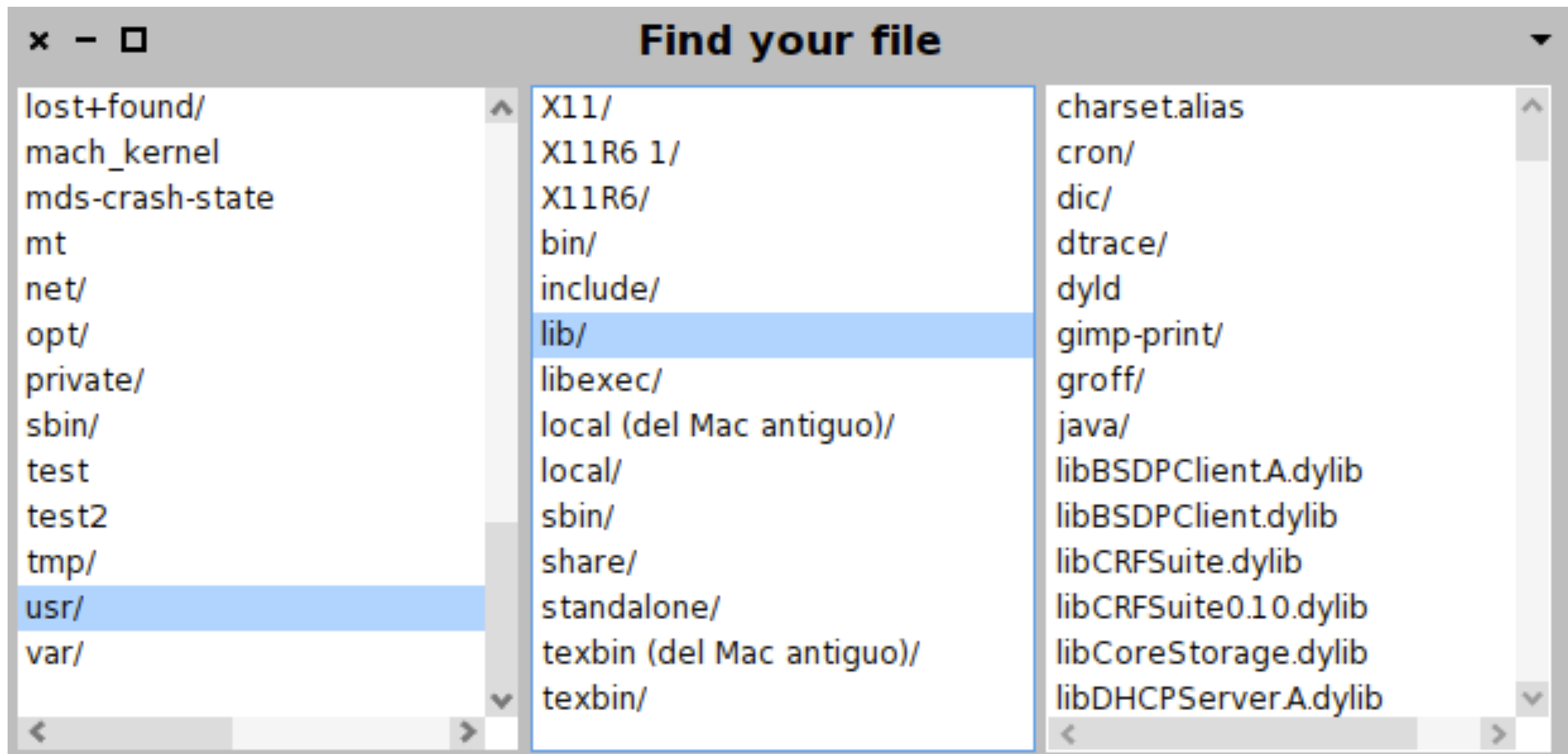
With Mondrian, we have seen how to graphically present data

Mondrian allows one to navigate with the interaction facilities

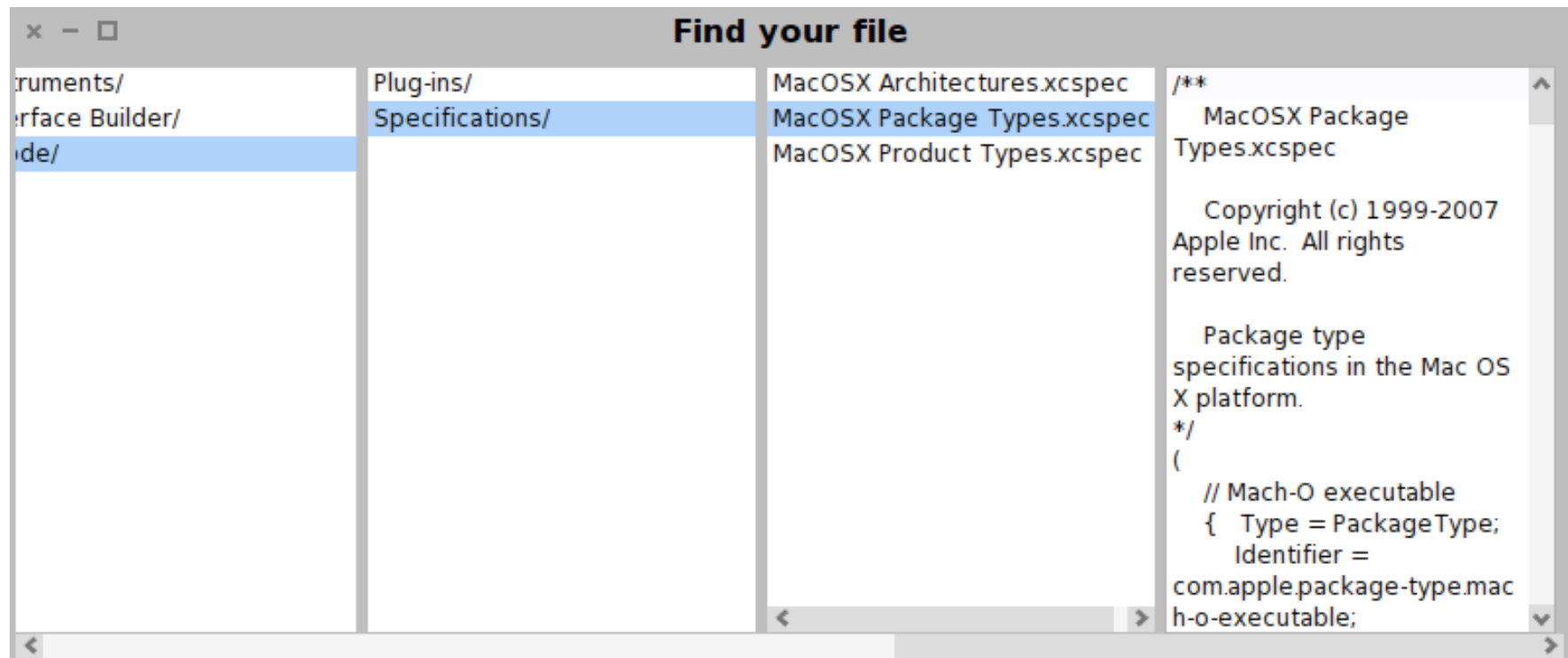
However, they are rather primitive

Glamour allows for easily building GUI to navigate and interact with data

# Browser example: file explorer



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```
| browser |  
browser := GLMFinder new  
           variableSizePanels;  
           title: 'Find your file';  
           yourself.  
  
browser list  
  when: #isDirectory;  
  display: [:each | [ each children sorted ]  
    on: Exception do: [Array new]];  
  format: #basenameWithIndicator.
```

...

# Browser example: file explorer

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```
...  
browser text  
  when: #isFile;  
  display: [:entry | [entry readStream contents]  
    on: Exception  
    do: ['Can''t display the content of this file']]].  
  
browser openOn: FSFilesystem onDisk root.
```