

# Menu

Friday, May 29, 2020 11:09 AM

```
private void buildMenu(Composite parent) {
    // TODO Auto-generated method stub
    Shell shell=(Shell) parent;

    //STEP 1. menuBar can be connected only to a Shell
    // It creates the large bar
    Menu menuBar=new Menu(shell,SWT.BAR);

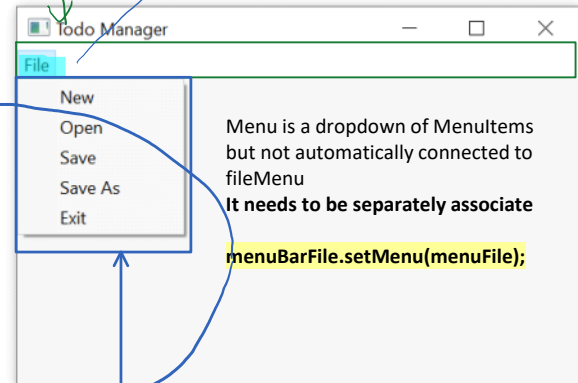
    //STEP 2. create MenuItem to display on the MenuBar.
    //This item MUST be MenuItem with CASCADE Design
    MenuItem menuBarFile= new MenuItem(menuBar, SWT.CASCADE);
    menuBarFile.setText("&File");

    //STEP 3. Menu need to have dropdown list of Menus
    Menu menuFile=new Menu(shell, SWT.DROP_DOWN);
    MenuItem menuFileNew=new MenuItem(menuFile,SWT.PUSH);
    menuFileNew.setText("&New");
    MenuItem menuFileOpen=new MenuItem(menuFile,SWT.PUSH);
    menuFileOpen.setText("&Open");
    MenuItem menuFileSave=new MenuItem(menuFile,SWT.PUSH);
    menuFileSave.setText("&Save");
    MenuItem menuFileSaveAs=new MenuItem(menuFile,SWT.PUSH);
    menuFileSaveAs.setText("Save &As");
    MenuItem menuFileExit=new MenuItem(menuFile,SWT.PUSH);
    menuFileExit.setText("E&xit");
    menuFileExit.addListener(SWT.Selection, new Listener() {

        @Override
        public void handleEvent(Event arg0) {
            // TODO Auto-generated method stub
            Application.instance.getShell().dispose();
        }
    });
}
```

1 Bar can be created only with a Shell or Decorated Component

2. This line only adds File section on the bar. Currently there is no dropdown menu here



Menu is a dropdown of MenuItems but not automatically connected to fileMenu

It needs to be separately associate

`menuBarFile.setMenu(menuFile);`

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MenuBar should also be explicitly associated with the Shell.

`shell.setMenuBar(menuBar);`

A bar can be associated only with Shell and not with other controls