

Tree Navigation Template

```
import org.eclipse.swt.widgets.Tree;
import org.eclipse.jface.viewers.IBaseLabelProvider;
import org.eclipse.ui.part.DrillDownAdapter;
import org.eclipse.jface.viewers.ITreeContentProvider;
import org.eclipse.jface.viewers.ISelectionChangedListener;
import org.eclipse.jface.action.MenuManager;
import org.eclipse.jface.viewers.ISelection;
import org.eclipse.ui.IViewSite;
import org.eclipse.swt.widgets.Composite;
import org.eclipse.ui.IViewPart;
import org.eclipse.jface.viewers.IStructuredSelection;
import org.eclipse.swt.widgets.Control;
import org.eclipse.jface.viewers.IContentProvider;
import org.eclipse.jface.action.Separator;
import org.eclipse.swt.graphics.RGB;
import org.eclipse.ui.IWorkbenchPart;
import org.eclipse.jface.action.Action;
import org.eclipse.jface.viewers.SelectionChangedEvent;
import org.eclipse.swt.widgets.Menu;
import org.eclipse.jface.action.IToolBarManager;
import org.eclipse.ui.IActionBars;
import org.eclipse.jface.viewers.TreeViewer;
import org.eclipse.jface.action.IMenuListener;

public class AppTreeContentProvider
implements ITreeContentProvider { /* FRL_01 */

    public boolean hasChildren(Object parent) { /* FRL_02 */
    }

    public Object[] getChildren(Object parent) { /* FRL_03 */
    }

    public void inputChanged(Viewer v, Object oldInput, Object newInput) { /* FRL_04 */
    }
}

public class AppSelectionChangedListener
implements ISelectionChangedListener { /* FRL_05 */

    public void selectionChanged(SelectionChangedEvent event) { /* FRL_06 */
    }
}

public class AppAction
extends Action { /* FRL_07 */
}

public class AppMenuListener
implements IMenuListener { /* FRL_08 */
}

public class AppWorkbenchPart
implements IWorkbenchPart { /* FRL_09 */

    public void createPartControl(Composite parent) { /* FRL_10 */
        AppSelectionChangedListener appSelectionChangedListener = new AppSelectionChangedListener(); /* FRL_11 */
        Separator separator = new Separator(String||()); /* FRL_12 */
        TreeViewer treeViewer = new TreeViewer(Composite,int)|| (Tree)|| (Composite); /* FRL_13 */
        treeViewer.setContentProvider(IContentProvider); /* FRL_14 */
        treeViewer.setLabelProvider(IBaseLabelProvider); /* FRL_15 */
        treeViewer.setInput(Object); /* FRL_16 */
        Tree tree = treeViewer.getTree(); // MAY REPEAT! /* FRL_17 */
        treeViewer.addSelectionChangedListener(appSelectionChangedListener); // REPEATED! /* FRL_18 */
        DrillDownAdapter drillDownAdapter = new DrillDownAdapter(treeViewer); /* FRL_19 */
        MenuManager menuManager = new MenuManager(String)|| (String,String)|| (); /* FRL_20 */
        menuManager.setRemoveAllWhenShown(boolean); /* FRL_21 */
        Menu menu = menuManager.createContextMenu(Control); /* FRL_22 */
        Control.setMenu(menu); /* FRL_23 */
        AppMenuListener appMenuListener = new AppMenuListener(); /* FRL_24 */
        menuManager.addMenuListener(appMenuListener); /* FRL_25 */
        AppAction appAction = new AppAction(); /* FRL_26 */
        IViewSite iviewSite = IViewPart.getViewSite(); // MAY REPEAT! /* FRL_27 */
        IActionBars iactionBars = iviewSite.getActionBars(); // MAY REPEAT! /* FRL_28 */
        IToolBarManager itoolBarManager = iactionBars.getToolBarManager(); /* FRL_29 */
        drillDownAdapter.addNavigationActions(itoolBarManager); /* FRL_30 */
        itoolBarManager.add(appAction)|| (separator); // REPEATED! /* FRL_31 */
    }

    public void setFocus() { /* FRL_32 */
        Control control = treeViewer.getControl(); /* FRL_33 */
        boolean app_boolean1 = control.setFocus(); /* FRL_34 */
    }
}

public class SomeClass {

    public void someMethod() { /* FRL_35 */
        appAction.setToolTipText(String); /* FRL_36 */
        Object object = IStructuredSelection.getFirstElement(); /* FRL_37 */
        RGB rGB = new RGB(float,float,float)|| (int,int,int); // MAY REPEAT! /* FRL_37 */
        ISelection iselection = treeViewer.getSelection(); /* FRL_38 */
    }
}
```