

Series 1: Making File HTML Software is Easy with Java.....

GhinWebit Ver 1.0

Simple HTML viewer and editor

Volume 1.0



by

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Introduction

- This volume 1, will bring you to the world of java programming to create a software which using JSwing component
- It's help you to know how to make HTML viewer and Editor, print web page and text file
- And also give you an idea to design java swing components to any software that you want to create !

The Snapshot (July 08)

ToolBar, Hide, Home, Back, Next, Print, View web, View Code & Exit

HTML Code
To edit the code

JTree
To list All files

JEditorPane & JTextPane
To view/edit html file

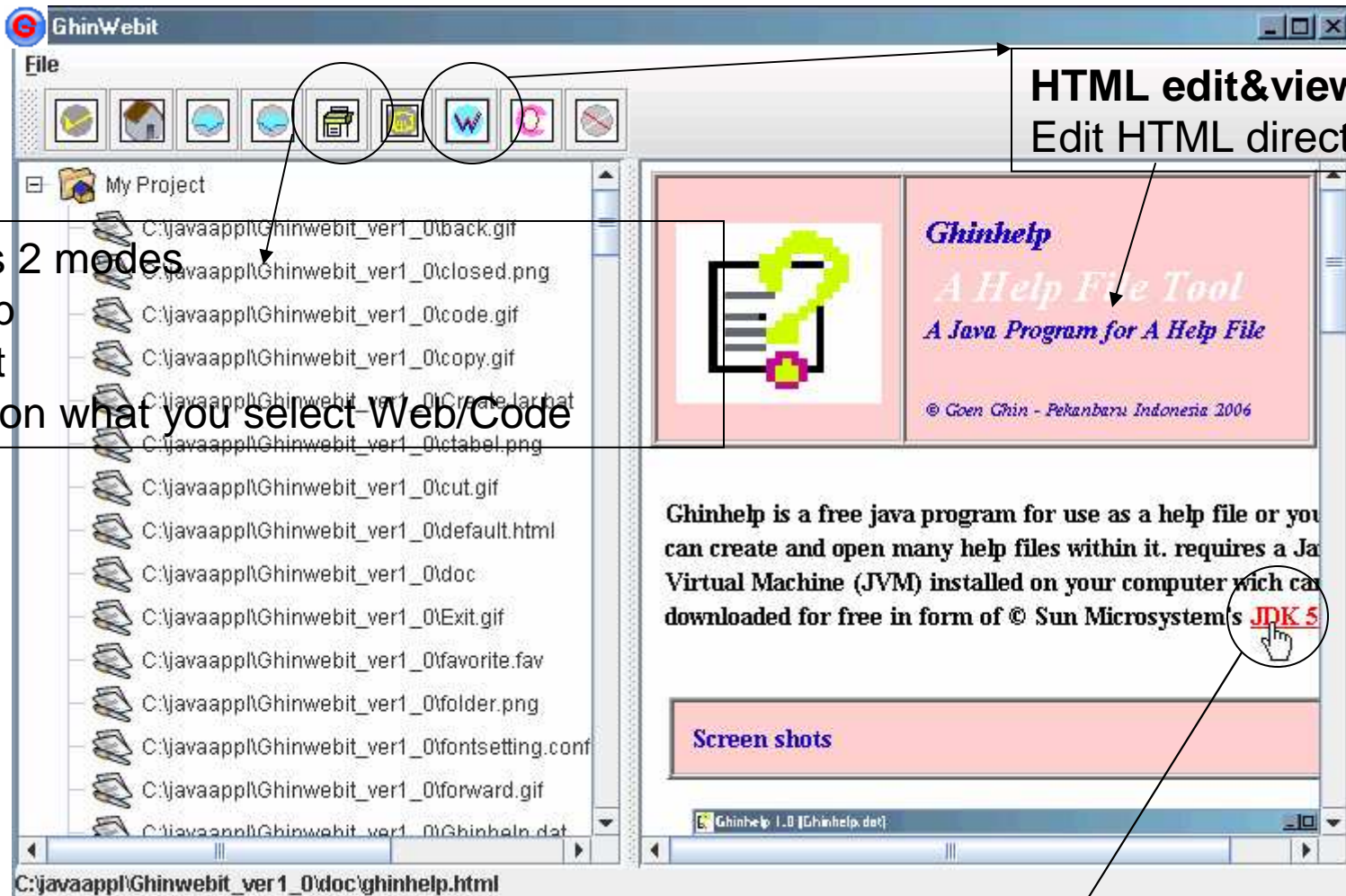
double click the file in JTree you can view /edit File in the JEditorPane or JTextPane

```
<html>
<head>
<meta http-equiv="Content-Type"
content="text/html; charset=iso-8859-1">
<title>A Java Program for A Help File Tool </title>
</head>

<table border="2" cellpadding="10" width="100%" bgcolor="#F0F0F0"
bordercolor="FFFFFF">
  <tr>
    <td valign="top" width="100" bgcolor="#F0F0F0" nowrap><p
align="center"></p>
    </td>
    <td width="90%" bgcolor="#F0F0F0" nowrap><font
color="#1000C0" size="5"><em><strong>Ghinhelp</strong></em></font><font
color="#FFFFFF" size="6"><em><br><strong> A Help File Tool
<br></font><font
color="#1000C0" size="4"><strong>A Java Program for A Help File
&nbsp;<br><font
color="FFFFFF" size="2"><em><br><strong> <br><font>
</strong></font><font color="#1000C0" size="2"> © Goen Ghin - Pekanbaru
Indonesia 2006</font></p>
    </td>
  </tr>
</table>

<table border="0" cellpadding="10" width="100%">
```

The Snapshot



HTML edit&view
Edit HTML directly

Print has 2 modes
Print web
Print text
Depend on what you select-Web/Code

If file is image or directory then view on HTML page

Link can be open with browser/any program

Update (August 08)

GhinWebit 1.0 [Working Project :C:\javaapp\Ghinwebit_ver1_0]

File

Insert Table

My Project

- adefault2.html
- amoy.html
- atest.asp
- back.gif
- closed.png
- code.gif
- copy.gif
- CreateJar.bat
- ctabel.png
- cut.gif
- default.html
- default2.html
- default3.html
- default309.html
- default4.html
- default7.html
- doc
- edit.png
- editcopy.png
- editcut.png
- editdelete.png

Test AJA

javageo.com

Agustus/08

1	2	3	4	5	6	7
goen	ghin	are	good	kids	!	!

Text Formating and HTML editing
(What You See Is What You Get)

Class & Functionality

Class

Ghinwebit

SimpleLinkListener

MyToolbar

RTFRenderer

ReadFileConfig

etc

functionalities are

-view and edit html

-Print web or text

-Link open with any program you like

-Setup file (font name,size,color,project directory)

-Easy to use

Method

createMenuBar()

goHTML

runHTML

saveHTML

saveCODE

etc

Snip Code

```
//JEditorPane that will display HTML file
my_monitor = new JEditorPane();
my_monitor.setEditable(false);
htdocs = new HTMLToolkit();
my_monitor.setEditorKit(htdocs);
my_monitor.addHyperlinkListener(new
SimpleLinkListener(textPaneView,"",statusBar));

//Default document for StyleContext
my_context = new StyleContext();
my_doc = new DefaultStyledDocument(my_context);
my_doc = hdocs.createDefaultDocument();
my_monitor.setDocument(my_doc);

//Default document for display text file JTextPane
textPaneView.requestFocus();
textPaneView.setDocument(my_doc);
textPaneView.grabFocus();

textPaneView.setSelectionStart(1);

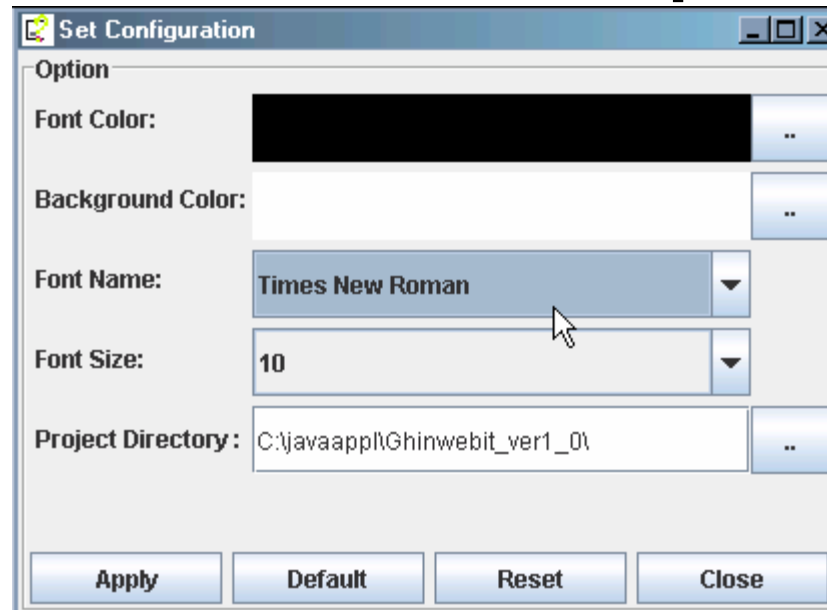
setFontAttribute();

ps = new JScrollPane(my_monitor);
```

JTree node

- `top.removeAllChildren();`
- `top.removeFromParent();`
-
- `sourceDir = new File(""+setoutdir);`
- `if(!sourceDir.exists()) warnme("Directory Not Found");`
- `else if(sourceDir != null || sourceDir.exists())`
- `{`
-
- `File[] roots = sourceDir.listFiles();`
-
- `for (int k=0; k < roots.length; k++)`
- `{`
-
- `myTreeModel.insertNodeInto(new DefaultMutableTreeNode(new`
- `IconData(ICON_FILES,null, roots[k].getAbsolutePath()),top,k);`
-
- `}`
- `myTree.expandRow(0) ;`
- `myTree.repaint();`
-
- `}`

Save Setup



- `FileOutputStream outfo = new FileOutputStream(font_file);`
- `DataOutputStream outst = new DataOutputStream(outfo);`
-
-
- `outst.writeUTF(" "+ "\n"+`
- `"FontName:"+set_fontName+"\n"+`
- `"FontSize:"+set_fontSize+"\n"+`
- `"FontColor:"+cf.getRGB()+"\n"+`
- `"FontBgColor:"+cb.getRGB()+"\n"+`
- `"WorkingDir:"+setoutdir+"\n");;`
- `outst.close();`
- `outfo.close();`

JTree Listener

```
• myTree.addTreeSelectionListener(new TreeSelectionListener()  
•     {  
•         public void valueChanged(TreeSelectionEvent te)  
•         {  
•             try {  
•  
•                 selPath = te.getNewLeadSelectionPath();  
•                 if(selPath != null) {  
•                     String treeSelect = selPath.getLastPathComponent().toString();  
•  
•                     my_OpenFile = treeSelect;  
•                     statusBar.setText(""+my_OpenFile);  
•  
•                 }  
•                 }catch (Exception ex) {  
•                 warnme("Error select file directory "+ex);  
•                 }  
•             }  
•         }  
•     );  
•
```

Mouse Listener

```
• MouseListener mouseListener = new MouseAdapter()
•
•     {
•     public void mouseClicked (MouseEvent e)
•     {
•         int selRow = myTree.getRowForLocation(e.getX(), e.getY());
•         selPath = myTree.getPathForLocation(e.getX(), e.getY());
•
•         if(selRow != -1) {           if (e.getClickCount() == 1)
•                                     { //Already handle by TreeSelectionListener
•                                     }
•         if (e.getClickCount() == 2)
•         {
•
•             File dir = new File(my_OpenFile);
•             if(dir.isDirectory()){
•                 my_monitor.setText(dirHTML(dir.toString()));
•                 textPaneView.repaint();
•             }
•             else
•             {
•                 try
•                 {
•
•                     goHTML(my_OpenFile);
•                     }catch (Throwable err){ //ignore}
•                 }
•             }
•         }
•     };
•     myTree.addMouseListener(mouseListener);
```

Source Code

- The completed source code is inside the directory in file of javageo group or <http://www.javageo.com>
- You can download the source code...
Play ,Modify and be succesfull with it...!
Good luck !!

See you on next volume and series !!