Archived:Example HyperText in WidSets

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The article is believed to be still valid for the original topic scope.

This example shows how to use the HyperText component.

With the HyperText component you can

- Render contents of each tag with a different style
- *<a>* (anchor) is the only tag with a special meaning. Text contained within an a-tag can be focused and accessed using the middle softkey.
- Text contained within the a-tag itself is returned as source component data to the *actionPerformed* handler.
- Newlines are rendered as linefeeds/newlines.

hypertext.he

```
class
{
  const int CMD_BACK    = 1;

  MenuItem BACK    = new MenuItem(CMD_BACK, "Back");

  void startWidget()
  {
    setMinimizedView(createMinimizedView("viewMini", getStyle("default")));
  }


  Shell openWidget()
  {
    HyperText ht = new HyperText(getStyle("maxi"));
    ht.setPreferredWidth(-100);
    ht.appendMarkup("hyper.",
      "<p>"+
      "<h1>The Document</h1>\n"+
      "Lorem ipsum dolor sit amet, consectetuer adipiscing elit. "+
      "Aliquam eu ligula et lectus commodo condimentum. "+
      "Aenean nibh eros, gravida eget, facilisis in, facilisis "+
      "aliquam, enim. Aliquam non nulla in lacus dapibus volutpat. "+
      "Nullam id est. Phasellus nec mi eu sem tristique scelerisque. "+
      "Cras elementum lacinia lacus. Integer lectus. Nulla nibh "+
      "neque, aliquet quis, adipiscing sed, aliquam vel, orci. "+
      "Duis egestas. Phasellus lectus odio, malesuada ut, semper et, "+
      "ullamcorper et, sem. Fusce pharetra urna. Integer bibendum "+
      "imperdiet lorem. Vestibulum et ante. Sed metus ante, feugiat "+
      "ac, viverra et, malesuada ac, tortor. Donec elementum massa "+
      "et sapien pretium euismod. Maecenas ut arcu non est posuere "+
      "ultricies. Nulla vel massa ac lorem molestie congue. "+
```


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```
      "Phasellus tempus, libero et aliquam luctus, nisi est laoreet "+
      "lectus, feugiat sollicitudin lacus lectus sagittis quam. "+
      "Donec auctor purus eu quam. Etiam luctus mauris sit amet est.\n\n"+
      "<a foo>Foo</a>\n"+
      "<a bar>Bar</a>\n"+
      "<a ding>Dong</a>\n\n"+
      "Donec adipiscing, sapien ac varius condimentum, tellus pede "+
      "hendrerit libero, vel luctus sapien purus sit amet velit. "+
      "Pellentesque dui pede, laoreet sit amet, pretium eget, "+
      "pharetra eget, orci. Suspendisse vestibulum facilisis erat. "+
      "Proin posuere purus ut magna. Maecenas nec orci eget massa "+
      "ullamcorper ullamcorper. Aliquam erat volutpat. In hac "+
      "habitasse platea dictumst. Sed urna. Aenean vel nisl. Nam "+
      "mattis magna sed odio. Integer scelerisque sem vitae massa."+
      "</p>");

    return new Shell(ht);
  }


  MenuItem getSoftKey(Shell shell, Component focused, int key)
  {
    if (key == SOFTKEY_BACK) {
      return BACK;
    }
    return null;
  }


  void actionPerformed(Shell shell, Component source, int action)
  {
    if (action == CMD_BACK) {
      popShell(shell);

    } else if (action == OPEN_LINK) {
      setBubble(null, "Link: "+source.getData());
    }
  }
}
```

widget.xml

```
<?xml version="1.0" encoding="utf-8"?>

<widget spec_version="2.0">
  <info>
    <name>example_hypertext</name>
    <version>1.0</version>
    <author>example</author>
    <clientversion>1.0</clientversion>
    <shortdescription>HyperText Example</shortdescription>
    <longdescription>HyperText Example</longdescription>
    <tags>example hypertext</tags>
  </info>

  <parameters>
```


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```
    <parameter name="widgetname">HyperText Example</parameter>
  </parameters>

  <resources>
    <code src="hypertext.he"/>

    <stylesheet>
      mini {
        background: solid white;
        color: black;
        align: vcenter hcenter;
      }

      maxi {
        background: solid white;
        padding: 5 5 5 5;
      }

      hyper.h1 {
        color: black;
        font: large bold;
        border: 0 0 2 0;
        border-type: rectangle black;
      }

      hyper.p {
        color: black;
        font: medium plain;
      }

      hyper.a {
        color: blue;
        font: medium bold;

        focused {
          color: orange;
          border: 0 0 2 0;
          border-type: rectangle orange;
        }
      }

    </stylesheet>
  </resources>

  <layout minimizedheight="2em">
    <view id="viewMini" class="mini">
      <label class="mini">${widgetname}</label>
    </view>
  </layout>

</widget>
```


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