

## CPE 353 Practice Problem 0015\_GenericEventHandler

### Executable Sample Solution

The goal is to develop your application such that its appearance and behavior **exactly** matches that of the sample solution. To execute the sample solution, log into **blackhawk.ece.uah.edu**, redirecting the X11 display to your current machine – see the relevant Remote Access Guide on the course web page for assistance with this. Then in a terminal window, type the following command to execute the sample solution for this problem

```
/home/work/cpe353/problems/p0015
```

### Project Objectives

- Additional practice locating help pages within **Qt Assistant** and practice understanding the contents of those help pages
- Practice reimplementing a Qt event handler

### Project Specifications

Use the **qtcreator** integrated development environment to implement a dialog that displays a single label object. The label text changes upon pressing an arrow key.

Reimplement the **generic event handler** to achieve the desired behavior.

The desired behavior for each operation is defined by the sample solution.

Be sure to match the look and functionality of the sample solution running on **blackhawk**.