

# PrimeFaces: Panels

- 1.** Make a bean with a simple `getDate` method that outputs new `Date()` each time it is called. Make a tabbed panel with five tabs, where the content of each tab is `<h1>#{yourBean.date}</h1>`  
Verify that the content for all five tabs is loaded on page load by checking the time shown in all of the five sections.
- 2.** Add an accordion panel to the page. Move the tabbed panel from problem 1 into the first section of the accordion panel. Have a few other accordion panel sections that, for now, just contain some simple text (“blah, blah, blah” or whatever).
- 3.** Have the second section of your accordion panel contain a tabbed panel that is almost identical to that of problem 1. The only difference is that the new tabbed panel should use lazy loading. Verify that it is using lazy loading by waiting a few seconds and then clicking on the second tab, and seeing that the time shown there is later than that of the first tab. Verify that it is caching by clicking on tab 3, noting the time, clicking on tab 1, and returning to tab 3. The time shown in the third tab should not have changed.
- 4.** Have the third section of your accordion panel contain a tabbed panel that is almost identical to that of problem 3. The only difference is that the new tabbed panel should have caching disabled, so every click should be a dynamic Ajax load of the tab content. Verify that it is using Ajax on every request by clicking on tab 3, noting the time, clicking on tab 1, and then returning to tab 3. The time in tab 3 should be updated each and every time.
- 5.** Make the next section of your accordion panel contain three styled HTML tables made with `p:panelGrid`. Put the three tables side by side.
- 6.** Make the final section of your accordion panel contain a scroll panel, and have the scroll panel contain an image. Make both the width and the height of the scroll panel be smaller than that of the image, so both horizontal and vertical scroll panels will be shown. Note: if you fail to see any scroll bars, try it with native mode scrollbars.