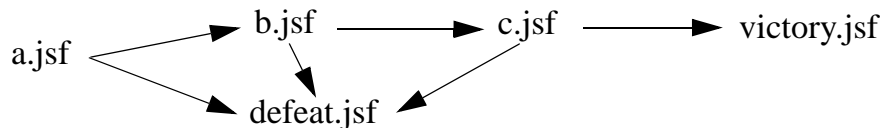


# Exercises: Page Navigation and faces-config.xml

1. Make a new Dynamic Web Project based either on jsf-blank or on your project from the previous set of exercises.
2. Implement the following navigation flow. You start at a.jsf, press a button, and randomly get either b.jsf or defeat.jsf. From page b, you randomly get c.jsf or defeat.jsf. From page c, you randomly get victory.jsf or defeat.jsf. This is the same behavior as you already got with a previous exercise, but this time use explicit navigation rules in faces-config.xml. If you never finished this exercise earlier, just copy and rename my basics-exercises project and work from there. (But, as always when you copy and rename projects, don't forget to fix the .component file as described earlier.)



3. Refactor your previous solution so that this time you have only a single Java class (navigation controller) with a single method that is used by all three of pages a, b, and c.
4. Again refactor your previous solution. This time, avoid repeating the navigation case for defeat.
5. Again refactor your previous solution. This time, use explicit bean declarations instead of @ManagedBean.
6. To one of your pages, add a button whose return value has no match (i.e., the string does not match a file name and does not match a from-outcome in a navigation rule). Try it with and without the Development setting for PROJECT\_STAGE.