

# FortressServletLauncher

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```
/*
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 */

package org.apache.avalon.examples.fortress;

import javax.servlet.ServletContextListener;
import javax.servlet.ServletContextEvent;
import javax.servlet.ServletContext;

import org.apache.avalon.fortress.impl.DefaultContainerManager;
import org.apache.avalon.fortress.impl.DefaultContainer;
import org.apache.avalon.fortress.util.FortressConfig;
import org.apache.avalon.fortress.ContainerManager;
import org.apache.avalon.framework.container.ContainerUtil;
import org.apache.avalon.framework.service.ServiceManager;

public class FortressServletLauncher
    implements ServletContextListener
{

    protected ContainerManager m_manager = null;

    public void contextInitialized(ServletContextEvent event) {
        try {
            ServletContext context = event.getServletContext();

            // NOTE! the exact way to get the path may differ on your application server
            String configDir = context.getRealPath("/WEB-INF");

            // Set up all the preferences for Fortress
            final FortressConfig config = new FortressConfig();

            config.setContainerConfiguration(configDir + "/system.xconf");
            config.setRoleManagerConfiguration(configDir + "/system.roles");
            config.setLoggerManagerConfiguration(configDir + "/logkit.xconf");

            // Get the root container initialized
            m_manager = new DefaultContainerManager(config.getContext());
            ContainerUtil.initialize(m_manager);

            // get the default container and ServiceManager
            DefaultContainer container = (DefaultContainer) m_manager.getContainer();
            ServiceManager manager = container.getServiceManager();

            // store the ServiceManager in the ServletContext
            context.setAttribute(ServiceManager.class.getName(), manager);
        }
        catch (Exception ex) {
            event.getServletContext().log(ex, "Error initializing the Avalon Container");
        }
    }
}
```

```
}

public void contextDestroyed(ServletContextEvent sce) {
    org.apache.avalon.framework.container.ContainerUtil.dispose( m_manager );
}
}
```

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