

ComponentManager

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- various pipelines? see `org.apache.jetspeed.engine.AbstractEngine.getPipeline(String pipelineName)`
- various services? see `org.apache.jetspeed.engine.AbstractEngine.getContainerService(Class service)`

Example of Component: `portal/src/java/org/apache/jetspeed/container/window/impl/PortletWindowAccessorImpl.java`

Bean Definition in `jetspeed-spring.xml`

```
<!-- Portlet Window Component -->
<bean id="org.apache.jetspeed.container.window.PortletWindowAccessor"
      class="org.apache.jetspeed.container.window.impl.PortletWindowAccessorImpl">
  <constructor-arg >
    <ref bean="org.apache.jetspeed.components.portletentity.PortletEntityAccessComponent" />
  </constructor-arg>
</bean>
```

It is used in `org.apache.jetspeed.velocity.JetspeedPowerTool`:

```
public JetspeedPowerTool() {
    super();
    cm = Jetspeed.getComponentManager();
    windowAccess = (PortletWindowAccessor) cm.getComponent(PortletWindowAccessor.class);
}

public WindowState getWindowState() throws Exception{
    try {
        RequestContext context = Jetspeed.getCurrentRequestContext();
        NavigationalState nav = context.getPortalURL().getNavigationalState();
        return nav.getState(''windowAccess.getPortletWindow(getCurrentFragment())'');
    } catch (Exception e) {
        handleError(e, e.toString(), getCurrentFragment());
        return null;
    }
}
```