### How to access custom portlet services in velocity template

By default we will have following property which won't allow us to use serviceLocator variable in velocity templates.  
  
    #  
    # Input a comma delimited list of variables which are restricted from the  
    # context in Velocity based Journal templates.  
    #  
    journal.template.velocity.restricted.variables=serviceLocator  
  
  
In order to access you need to change that property as below  
  
  
journal.template.velocity.restricted.variables=  
  
  
**Default findServce(serviceName)  method (what we normally use) searches @ portal level where as other one with extra parameter as shown here  findService(servletContextName, serviceName) searches @ particular portlet level**  
  
TO add more to it here are the method signatures & implementations in ServiceLocator.java  
  
        public Object findService(String serviceName) {  
                Object bean = null;  
  
                try {  
                        bean = PortalBeanLocatorUtil.locate(\_getServiceName(serviceName));  
                }  
                catch (Exception e) {  
                        \_log.error(e, e);  
                }  
  
                return bean;  
        }  
  
  
        public Object findService(String servletContextName, String serviceName) {  
                Object bean = null;  
  
                try {  
                        bean = PortletBeanLocatorUtil.locate(  
                                servletContextName, \_getServiceName(serviceName));  
                }  
                catch (Exception e) {  
                        \_log.error(e, e);  
                }  
  
                return bean;  
        }  
  
  
**How to use**  
  
Suppose i have an custom Entity named MyEntity(defined through service.xml)  
  
  
#set ($myEntityService = $serviceLocator.findService("", "com.rnd.common.portlet.service.MyEntityLocalService"))  
  
  
I have a column named count under MyEntity, i can access as below  
  
  
#set ($count =$myEntityService.getCount())  
  
  
$count