

ServiceManager

The Avalon ServiceManager

The [ServiceManager](#) is part of the Avalon Framework. It replaces the deprecated [ComponentManager](#) used in ECM. The basic interface is as follows:

```
package org.apache.avalon.framework.service;

public interface ServiceManager
{

    Object lookup( String key ) throws ServiceException;

    boolean hasService( String key );

    void release( Object object );




















}
```

see [javadocs](#) for more detailed information.

Supported Lookup Conventions

Given:

```
Service Interface = org.my.project.MyService
MyService.ROLE = "org.my.project.MyService"
Service Implementation #1 = org.my.project.impl.ServiceImplOne
Service Implementation #1 Alias = "serviceOne"
Service Implementation #2 = org.my.project.impl.ServiceImplTwo
Service Implementation #2 Alias = "serviceTwo"
```

lookup 	Returns	ECM	For tres s	Ph oen ix	Me rlin	Comments		
org.my.project.MyService	ServiceSelector							
org.my.project.MyService	either 'serviceOne' or 'serviceTwo'							
org.my.project.MyServiceSelector	ServiceSelector							
org.my.project.MyService/serviceOne	serviceOne							
org.my.project.MyService/serviceTwo	serviceTwo							
serviceOne	serviceOne							
serviceTwo	serviceTwo							
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="628002c0-3065-44e8-abae-145d02c8496d"><ac:plain-text-body><![CDATA[org.my. project. MyService[]	java. util.List 					A list of all the implementations]]></ac:plain-text-body></ac:structured-macro>
org.my.project.MyService	java.util.Map					A Map of all implemenations with their aliases as keys		