This demonstrate the simple usage of representationByName service :

{m:'anydsl class diagram'.representationByName().asImage('INVALID\_FORMAT')} **<---asImage(org.eclipse.sirius.viewpoint.DRepresentation,java.lang.String) with arguments [org.eclipse.sirius.diagram.model.business.internal.spec.DSemanticDiagramSpec@29786d7f (uid: \_CbYCALe3EeadeJgQTriozQ) (synchronized: true, isInLayoutingMode: false, isInShowingMode: false, headerHeight: 1), INVALID\_FORMAT] failed:
INVALID\_FORMAT is not a valide format: [BMP, GIF, JPG, JPEG, PNG, SVG]
java.lang.IllegalArgumentException: INVALID\_FORMAT is not a valide format: [BMP, GIF, JPG, JPEG, PNG, SVG]
at org.obeonetwork.m2doc.sirius.services.M2DocSiriusServices.internalAsImage(M2DocSiriusServices.java:526)
at org.obeonetwork.m2doc.sirius.services.M2DocSiriusServices.asImage(M2DocSiriusServices.java:489)
at org.obeonetwork.m2doc.sirius.services.M2DocSiriusServices.asImage(M2DocSiriusServices.java:430)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at org.eclipse.acceleo.query.runtime.impl.JavaMethodService.internalInvoke(JavaMethodService.java:162)
at org.eclipse.acceleo.query.runtime.impl.AbstractService.invoke(AbstractService.java:135)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.callService(EvaluationServices.java:129)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.call(EvaluationServices.java:172)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.callOrApply(EvaluationServices.java:208)
at org.eclipse.acceleo.query.parser.AstEvaluator.caseCall(AstEvaluator.java:189)
at org.eclipse.acceleo.query.ast.util.AstSwitch.doSwitch(AstSwitch.java:119)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:53)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:69)
at org.eclipse.acceleo.query.parser.AstEvaluator.eval(AstEvaluator.java:109)
at org.eclipse.acceleo.query.runtime.impl.QueryEvaluationEngine.eval(QueryEvaluationEngine.java:52)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseQuery(M2DocEvaluator.java:659)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseQuery(M2DocEvaluator.java:1)
at org.obeonetwork.m2doc.template.util.TemplateSwitch.doSwitch(TemplateSwitch.java:186)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:53)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:69)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.doSwitch(M2DocEvaluator.java:2022)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseBlock(M2DocEvaluator.java:2247)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseBlock(M2DocEvaluator.java:1)
at org.obeonetwork.m2doc.template.util.TemplateSwitch.doSwitch(TemplateSwitch.java:199)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:53)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:69)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.doSwitch(M2DocEvaluator.java:2022)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseDocumentTemplate(M2DocEvaluator.java:340)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseDocumentTemplate(M2DocEvaluator.java:1)
at org.obeonetwork.m2doc.template.util.TemplateSwitch.doSwitch(TemplateSwitch.java:279)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:53)
at org.eclipse.emf.ecore.util.Switch.doSwitch(Switch.java:69)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.doSwitch(M2DocEvaluator.java:2022)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.generate(M2DocEvaluator.java:324)
at org.obeonetwork.m2doc.util.M2DocUtils.generate(M2DocUtils.java:912)
at org.obeonetwork.m2doc.tests.AbstractTemplatesTestSuite.prepareoutputAndGenerate(AbstractTemplatesTestSuite.java:497)
at org.obeonetwork.m2doc.tests.AbstractTemplatesTestSuite.generation(AbstractTemplatesTestSuite.java:391)
at org.obeonetwork.m2doc.sirius.tests.AbstractTemplatesTestSuite.generation(AbstractTemplatesTestSuite.java:81)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:59)
at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:56)
at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
at org.junit.internal.runners.statements.RunAfters.evaluate(RunAfters.java:27)
at org.junit.runners.ParentRunner$3.evaluate(ParentRunner.java:306)
at org.junit.runners.BlockJUnit4ClassRunner$1.evaluate(BlockJUnit4ClassRunner.java:100)
at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:366)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:103)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:63)
at org.junit.runners.ParentRunner$4.run(ParentRunner.java:331)
at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:79)
at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)
at org.junit.runners.ParentRunner.access$100(ParentRunner.java:66)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:293)
at org.junit.runners.ParentRunner.run(ParentRunner.java:413)
at org.junit.runners.Suite.runChild(Suite.java:128)
at org.junit.runners.Suite.runChild(Suite.java:27)
at org.junit.runners.ParentRunner$4.run(ParentRunner.java:331)
at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:79)
at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)
at org.junit.runners.ParentRunner.access$100(ParentRunner.java:66)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:293)
at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26)
at org.junit.internal.runners.statements.RunAfters.evaluate(RunAfters.java:27)
at org.junit.runners.ParentRunner$3.evaluate(ParentRunner.java:306)
at org.junit.runners.ParentRunner.run(ParentRunner.java:413)
at org.junit.runners.Suite.runChild(Suite.java:128)
at org.junit.runners.Suite.runChild(Suite.java:27)
at org.junit.runners.ParentRunner$4.run(ParentRunner.java:331)
at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:79)
at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)
at org.junit.runners.ParentRunner.access$100(ParentRunner.java:66)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:293)
at org.junit.runners.ParentRunner$3.evaluate(ParentRunner.java:306)
at org.junit.runners.ParentRunner.run(ParentRunner.java:413)
at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:364)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:272)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:237)
at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:158)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at org.apache.maven.surefire.api.util.ReflectionUtils.invokeMethodWithArray2(ReflectionUtils.java:167)
at org.apache.maven.surefire.booter.ProviderFactory$ProviderProxy.invoke(ProviderFactory.java:161)
at org.apache.maven.surefire.booter.ProviderFactory.invokeProvider(ProviderFactory.java:84)
at org.eclipse.tycho.surefire.osgibooter.OsgiSurefireBooter.run(OsgiSurefireBooter.java:142)
at org.eclipse.tycho.surefire.osgibooter.AbstractUITestApplication$1.run(AbstractUITestApplication.java:40)
at org.eclipse.e4.ui.internal.workbench.swt.E4Testable.lambda$1(E4Testable.java:127)
at org.eclipse.swt.widgets.RunnableLock.run(RunnableLock.java:40)
at org.eclipse.swt.widgets.Synchronizer.runAsyncMessages(Synchronizer.java:132)
at org.eclipse.swt.widgets.Display.runAsyncMessages(Display.java:5040)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:4520)
at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine$5.run(PartRenderingEngine.java:1151)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:339)
at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine.run(PartRenderingEngine.java:1042)
at org.eclipse.e4.ui.internal.workbench.E4Workbench.createAndRunUI(E4Workbench.java:152)
at org.eclipse.ui.internal.Workbench.lambda$3(Workbench.java:639)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:339)
at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:546)
at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:173)
at org.eclipse.ui.internal.ide.application.IDEApplication.start(IDEApplication.java:152)
at org.eclipse.tycho.surefire.osgibooter.UITestApplication.runApplication(UITestApplication.java:33)
at org.eclipse.tycho.surefire.osgibooter.AbstractUITestApplication.run(AbstractUITestApplication.java:127)
at org.eclipse.tycho.surefire.osgibooter.UITestApplication.start(UITestApplication.java:42)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:208)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLauncher.java:143)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:109)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:439)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:271)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:77)
at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.base/java.lang.reflect.Method.invoke(Method.java:569)
at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:651)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:588)
at org.eclipse.equinox.launcher.Main.run(Main.java:1459)
at org.eclipse.equinox.launcher.Main.main(Main.java:1432)**

End of demonstration.