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@732a8a22 (uid: \_CbYCALe3EeadeJgQTriozQ) (synchronized: true, isInLayoutingMode: false, isInShowingMode: false, headerHeight: 1), INVALID\_FORMAT] failed:
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.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:103)
at java.base/java.lang.reflect.Method.invoke(Method.java:580)
at org.eclipse.acceleo.query.runtime.impl.JavaMethodService.internalInvoke(JavaMethodService.java:170)
at org.eclipse.acceleo.query.runtime.impl.AbstractService.invoke(AbstractService.java:231)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.internalCallService(EvaluationServices.java:122)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.internalCall(EvaluationServices.java:237)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.internalCallOrApply(EvaluationServices.java:273)
at org.eclipse.acceleo.query.runtime.impl.EvaluationServices.call(EvaluationServices.java:173)
at org.eclipse.acceleo.query.parser.AstEvaluator.caseCall(AstEvaluator.java:244)
at org.eclipse.acceleo.query.ast.util.AstSwitch.doSwitch(AstSwitch.java:135)
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:146)
at org.eclipse.acceleo.query.runtime.impl.QueryEvaluationEngine.eval(QueryEvaluationEngine.java:53)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseQuery(M2DocEvaluator.java:674)
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:2124)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseBlock(M2DocEvaluator.java:2349)
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:2124)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.caseDocumentTemplate(M2DocEvaluator.java:350)
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:2124)
at org.obeonetwork.m2doc.generator.M2DocEvaluator.generate(M2DocEvaluator.java:334)
at org.obeonetwork.m2doc.util.M2DocUtils.generate(M2DocUtils.java:878)
at org.obeonetwork.m2doc.tests.AbstractTemplatesTestSuite.prepareoutputAndGenerate(AbstractTemplatesTestSuite.java:499)
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.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:103)
at java.base/java.lang.reflect.Method.invoke(Method.java:580)
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.eclipse.jdt.internal.junit4.runner.JUnit4TestReference.run(JUnit4TestReference.java:93)
at org.eclipse.jdt.internal.junit.runner.TestExecution.run(TestExecution.java:40)
at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:529)
at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:756)
at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.run(RemoteTestRunner.java:452)
at org.eclipse.pde.internal.junit.runtime.RemotePluginTestRunner.main(RemotePluginTestRunner.java:74)
at org.eclipse.pde.internal.junit.runtime.PlatformUITestHarness.lambda$0(PlatformUITestHarness.java:45)
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:1155)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:338)
at org.eclipse.e4.ui.internal.workbench.swt.PartRenderingEngine.run(PartRenderingEngine.java:1046)
at org.eclipse.e4.ui.internal.workbench.E4Workbench.createAndRunUI(E4Workbench.java:155)
at org.eclipse.ui.internal.Workbench.lambda$3(Workbench.java:643)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:338)
at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:550)
at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:171)
at org.eclipse.ui.internal.ide.application.IDEApplication.start(IDEApplication.java:152)
at org.eclipse.pde.internal.junit.runtime.NonUIThreadTestApplication.runApp(NonUIThreadTestApplication.java:53)
at org.eclipse.pde.internal.junit.runtime.UITestApplication.runApp(UITestApplication.java:47)
at org.eclipse.pde.internal.junit.runtime.NonUIThreadTestApplication.start(NonUIThreadTestApplication.java:48)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:203)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLauncher.java:136)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:104)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:402)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:255)
at java.base/jdk.internal.reflect.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:103)
at java.base/java.lang.reflect.Method.invoke(Method.java:580)
at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:659)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:596)
at org.eclipse.equinox.launcher.Main.run(Main.java:1467)
at org.eclipse.equinox.launcher.Main.main(Main.java:1440)**

End of demonstration.