Table of Contents

Built in

Exit / Quit

Exits the shell

geo-shell> **exit**

ℹ️　　|　No parameters

Help

List all commands usage

Name	Description	Mandatory	Specified Default	Unspecified Default
	Command name to provide help for	false		

View all commands

geo-shell> **help**

* ! - Allows execution of operating system (OS) commands
* // - Inline comment markers (start of line only)
* ; - Inline comment markers (start of line only)
* clear - Clears the console
* cls - Clears the console
* date - Displays the local date and time
* download - Download a URL to a file.
* exit - Exits the shell
* format close - Close a Raster Format.
* format list - List open Raster Formats.

Get help for a command

geo-shell> **help layer open**

Keyword: layer open
Description: Open a Layer.
Keyword: workspace
Help: The Workspace name
Mandatory: true
Default if specified: '*NULL*'
Default if unspecified: '*NULL*'

Keyword: layer
Help: The Layer name

Mandatory: true
Default if specified: '*NULL*'
Default if unspecified: '*NULL*'

Keyword: name
Help: The name
Mandatory: false
Default if specified: '*NULL*'
Default if unspecified: '*NULL*'

* layer open - Open a Layer.

Run OS Command

Allows execution of operating system (OS) commands

geo-shell> **! ls src/test/resources/mars**

Name	Description	Mandatory	Specified Default	Unspecified Default
	The command to execute	false		

geo-shell> **! ls src/test/resources/mars**

geo_units_oc_dd.dbf
geo_units_oc_dd.prj
geo_units_oc_dd.qix
geo_units_oc_dd.sbn
geo_units_oc_dd.sbx
geo_units_oc_dd.shp
geo_units_oc_dd.shp.xml
geo_units_oc_dd.shx
I1802ABC_geo_units_RGBlut.txt

Date

Displays the local date and time

geo-shell> **date**

No parameters

geo-shell> **date**

Friday, October 9, 2020 11:31:34 PM UTC

Script

Parses the specified resource file and executes its commands

geo-shell> **script src/test/resources/layer_count.txt**

Name	Description	Mandatory	Specified Default	Unspecified Default
	The file to locate and execute	true		
lineNumbers	Display line numbers when executing the script	false	true	false

```
workspace open --name naturalearth --params src/test/resources/naturalearth.gpkg

layer open --workspace naturalearth --layer countries --name countries

layer count --name countries

workspace close --name naturalearth
```

geo-shell> **script src/test/resources/layer_count.txt**

Oct 09, 2020 11:31:31 PM org.geotools.data.ogr.OGRDataStoreFactory isAvailable
WARNING: Error initializing GDAL/OGR library
java.lang.UnsatisfiedLinkError: no gdaljni in java.library.path
at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1867)
at java.lang.Runtime.loadLibrary0(Runtime.java:870)
at java.lang.System.loadLibrary(System.java:1122)
at org.geotools.data.ogr.jni.JniOGRDataStoreFactory.doIsAvailable(JniOGRDataStoreFactory.java:46)
at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:208)
at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:196)
at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:174)
at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:175)
at java.util.Iterator.forEachRemaining(Iterator.java:116)
at java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)
at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:481)
at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:471)
at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:708)
at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)
at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:499)
at org.geotools.data.DataAccessFinder.getAvailableDataStores(DataAccessFinder.java:199)
at org.geotools.data.DataStoreFinder.getAvailableDataStores(DataStoreFinder.java:94)
at org.geotools.data.DataStoreFinder.getDataStore(DataStoreFinder.java:67)
at org.geotools.data.DataStoreFinder$getDataStore.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:32)

at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:185)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:22)

at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at geoscript.workspace.Workspace.getWorkspace(Workspace.groovy:283)

at geoscript.workspace.Workspace$getWorkspace.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.vector.WorkspaceCommands.open(WorkspaceCommands.groovy:24)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:52)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)

at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)

at
org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:35
1)

at org.codehaus.groovy.runtime.callsite.PogoMetaClassSite.callCurrent(PogoMetaClassSite.java:61)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)

at org.geoshell.docs.AbstractDocTest$_run_closure1.doCall(AbstractDocTest.groovy:32)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)

at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)

at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:263)

at groovy.lang.MetaClassImpl.invokeMethod(MetaClassImpl.java:1026)

at groovy.lang.Closure.call(Closure.java:412)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2234)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2214)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2264)

at org.codehaus.groovy.runtime.dgm$213.invoke(Unknown Source)

at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite$PojoMetaMethodSiteNoUnwrapNoCoerce.invoke(PojoMetaMethodSite.java:247)

at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite.call(PojoMetaMethodSite.java:56)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:31)

at org.geoshell.docs.AbstractDocTest$run.callCurrent(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)

at org.geoshell.docs.BuiltinDocTest.script(BuiltinDocTest.groovy:66)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50)

at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)

at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47)

at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)

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.runLeaf(ParentRunner.java:325)

at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:78)

at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:57)

at org.junit.runners.ParentRunner$3.run(ParentRunner.java:290)

at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:71)

at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:288)

at org.junit.runners.ParentRunner.access$000(ParentRunner.java:58)

at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:268)

at org.junit.runners.ParentRunner.run(ParentRunner.java:363)

at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:365)

at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:273)

at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:238)

at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:159)

at
org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:383)

at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:344)

at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:125)

at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:417)

Oct 09, 2020 11:31:31 PM org.geotools.data.ogr.OGRDataStoreFactory isAvailable
WARNING: Error initializing GDAL/OGR library
java.lang.UnsatisfiedLinkError: no gdaljni in java.library.path
at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1867)

at java.lang.Runtime.loadLibrary0(Runtime.java:870)

at java.lang.System.loadLibrary(System.java:1122)

at org.geotools.data.ogr.jni.JniOGRDataStoreFactory.doIsAvailable(JniOGRDataStoreFactory.java:46)

at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:208)

at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:196)

at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:174)

at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:175)

at java.util.Iterator.forEachRemaining(Iterator.java:116)

at java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)

at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:481)

at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:471)

at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:708)

at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)

at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:499)

at org.geotools.data.DataAccessFinder.getAvailableDataStores(DataAccessFinder.java:199)

at org.geotools.data.DataStoreFinder.getAvailableDataStores(DataStoreFinder.java:94)

at org.geotools.data.DataStoreFinder.getDataStore(DataStoreFinder.java:67)

at org.geotools.data.DataStoreFinder$getDataStore.call(Unknown Source)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:32)

at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:22)

at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)

at geoscript.workspace.Workspace.getWorkspace(Workspace.groovy:283)

at geoscript.workspace.Workspace$getWorkspace.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.vector.WorkspaceCommands.open(WorkspaceCommands.groovy:24)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:52)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)

at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)

at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:351)

at org.codehaus.groovy.runtime.callsite.PogoMetaClassSite.callCurrent(PogoMetaClassSite.java:61)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)

at org.geoshell.docs.AbstractDocTest$_run_closure1.doCall(AbstractDocTest.groovy:32)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)

at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)

at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:263)

at groovy.lang.MetaClassImpl.invokeMethod(MetaClassImpl.java:1026)

at groovy.lang.Closure.call(Closure.java:412)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2234)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2214)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2264)
at org.codehaus.groovy.runtime.dgm$213.invoke(Unknown Source)
at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite$PojoMetaMethodSiteNoUnwrapNoCoerce.invoke(PojoMetaMethodSite.java:247)
at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite.call(PojoMetaMethodSite.java:56)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)
at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:31)
at org.geoshell.docs.AbstractDocTest$run.callCurrent(Unknown Source)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)
at org.geoshell.docs.BuiltinDocTest.script(BuiltinDocTest.groovy:66)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50)
at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47)
at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
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.runLeaf(ParentRunner.java:325)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:78)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:57)
at org.junit.runners.ParentRunner$3.run(ParentRunner.java:290)
at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:71)
at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:288)
at org.junit.runners.ParentRunner.access$000(ParentRunner.java:58)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:268)
at org.junit.runners.ParentRunner.run(ParentRunner.java:363)
at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:365)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:273)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:238)
at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:159)
at org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:383)
at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:344)
at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:125)
at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:417)

Oct 09, 2020 11:31:31 PM org.geotools.data.ogr.OGRDataStoreFactory isAvailable

WARNING: Error initializing GDAL/OGR library

java.lang.UnsatisfiedLinkError: no gdaljni in java.library.path

at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1867)

at java.lang.Runtime.loadLibrary0(Runtime.java:870)

at java.lang.System.loadLibrary(System.java:1122)

at org.geotools.data.ogr.jni.JniOGRDataStoreFactory.doIsAvailable(JniOGRDataStoreFactory.java:46)

at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:208)

at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:196)

at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:174)

at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:175)

at java.util.Iterator.forEachRemaining(Iterator.java:116)

at java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)

at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:481)

at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:471)

at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:708)

at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)

at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:499)

at org.geotools.data.DataAccessFinder.getAvailableDataStores(DataAccessFinder.java:199)

at org.geotools.data.DataStoreFinder.getAvailableDataStores(DataStoreFinder.java:94)

at org.geotools.data.DataStoreFinder.getDataStore(DataStoreFinder.java:67)

at org.geotools.data.DataStoreFinder$getDataStore.call(Unknown Source)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:32)

at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)

at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:22)

at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)

at geoscript.workspace.Workspace.getWorkspace(Workspace.groovy:283)

at geoscript.workspace.Workspace$getWorkspace.call(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.vector.WorkspaceCommands.open(WorkspaceCommands.groovy:24)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

```
at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:52)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)
at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)
at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:351)
at org.codehaus.groovy.runtime.callsite.PogoMetaClassSite.callCurrent(PogoMetaClassSite.java:61)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)
at org.geoshell.docs.AbstractDocTest$_run_closure1.doCall(AbstractDocTest.groovy:32)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)
at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)
at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:263)
at groovy.lang.MetaClassImpl.invokeMethod(MetaClassImpl.java:1026)
at groovy.lang.Closure.call(Closure.java:412)
at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2234)
at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2214)
at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2264)
at org.codehaus.groovy.runtime.dgm$213.invoke(Unknown Source)
at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite$PojoMetaMethodSiteNoUnwrapNoCoerce.invoke(PojoMetaMethodSite.java:247)
at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite.call(PojoMetaMethodSite.java:56)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)
at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:31)
at org.geoshell.docs.AbstractDocTest$run.callCurrent(Unknown Source)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)
```

at org.geoshell.docs.BuiltinDocTest.script(BuiltinDocTest.groovy:66)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50)
at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47)
at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
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.runLeaf(ParentRunner.java:325)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:78)
at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:57)
at org.junit.runners.ParentRunner$3.run(ParentRunner.java:290)
at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:71)
at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:288)
at org.junit.runners.ParentRunner.access$000(ParentRunner.java:58)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:268)
at org.junit.runners.ParentRunner.run(ParentRunner.java:363)
at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:365)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:273)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:238)
at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:159)
at
org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:383)
at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:344)
at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:125)
at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:417)

Oct 09, 2020 11:31:31 PM org.geotools.data.ogr.OGRDataStoreFactory isAvailable
WARNING: Error initializing GDAL/OGR library
java.lang.UnsatisfiedLinkError: no gdaljni in java.library.path
at java.lang.ClassLoader.loadLibrary(ClassLoader.java:1867)
at java.lang.Runtime.loadLibrary0(Runtime.java:870)
at java.lang.System.loadLibrary(System.java:1122)
at org.geotools.data.ogr.jni.JniOGRDataStoreFactory.doIsAvailable(JniOGRDataStoreFactory.java:46)
at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:208)
at org.geotools.data.ogr.OGRDataStoreFactory.isAvailable(OGRDataStoreFactory.java:196)
at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:174)
at java.util.stream.ReferencePipeline$2$1.accept(ReferencePipeline.java:175)
at java.util.Iterator.forEachRemaining(Iterator.java:116)
at java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)
at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:481)
at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:471)
at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:708)
at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234)

```
at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:499)
at org.geotools.data.DataAccessFinder.getAvailableDataStores(DataAccessFinder.java:199)
at org.geotools.data.DataStoreFinder.getAvailableDataStores(DataStoreFinder.java:94)
at org.geotools.data.DataStoreFinder.getDataStore(DataStoreFinder.java:67)
at org.geotools.data.DataStoreFinder$getDataStore.call(Unknown Source)
at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:32)
at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at geoscript.workspace.WorkspaceFactory$create$0.callCurrent(Unknown Source)
at geoscript.workspace.WorkspaceFactory.create(WorkspaceFactory.groovy:22)
at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at geoscript.workspace.WorkspaceFactory$create.call(Unknown Source)
at geoscript.workspace.Workspace.getWorkspace(Workspace.groovy:283)
at geoscript.workspace.Workspace$getWorkspace.call(Unknown Source)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)
at org.geoshell.vector.WorkspaceCommands.open(WorkspaceCommands.groovy:24)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.springframework.util.ReflectionUtils.invokeMethod(ReflectionUtils.java:216)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)
at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:52)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)
at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)
at
org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:351)
at org.codehaus.groovy.runtime.callsite.PogoMetaClassSite.callCurrent(PogoMetaClassSite.java:61)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)
at org.geoshell.docs.AbstractDocTest$_run_closure1.doCall(AbstractDocTest.groovy:32)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
```

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:107)

at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)

at org.codehaus.groovy.runtime.metaclass.ClosureMetaClass.invokeMethod(ClosureMetaClass.java:263)

at groovy.lang.MetaClassImpl.invokeMethod(MetaClassImpl.java:1026)

at groovy.lang.Closure.call(Closure.java:412)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2234)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2214)

at org.codehaus.groovy.runtime.DefaultGroovyMethods.eachWithIndex(DefaultGroovyMethods.java:2264)

at org.codehaus.groovy.runtime.dgm$213.invoke(Unknown Source)

at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite$PojoMetaMethodSiteNoUnwrapNoCoerce.invoke(PojoMetaMethodSite.java:247)

at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite.call(PojoMetaMethodSite.java:56)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:125)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:139)

at org.geoshell.docs.AbstractDocTest.run(AbstractDocTest.groovy:31)

at org.geoshell.docs.AbstractDocTest$run.callCurrent(Unknown Source)

at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:171)

at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:203)

at org.geoshell.docs.BuiltinDocTest.script(BuiltinDocTest.groovy:66)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

at java.lang.reflect.Method.invoke(Method.java:498)

at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50)

at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)

at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47)

at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)

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.runLeaf(ParentRunner.java:325)

at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:78)

at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:57)

at org.junit.runners.ParentRunner$3.run(ParentRunner.java:290)

at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:71)

at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:288)
at org.junit.runners.ParentRunner.access$000(ParentRunner.java:58)
at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:268)
at org.junit.runners.ParentRunner.run(ParentRunner.java:363)
at org.apache.maven.surefire.junit4.JUnit4Provider.execute(JUnit4Provider.java:365)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeWithRerun(JUnit4Provider.java:273)
at org.apache.maven.surefire.junit4.JUnit4Provider.executeTestSet(JUnit4Provider.java:238)
at org.apache.maven.surefire.junit4.JUnit4Provider.invoke(JUnit4Provider.java:159)
at
org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.java:383)
at org.apache.maven.surefire.booter.ForkedBooter.runSuitesInProcess(ForkedBooter.java:344)
at org.apache.maven.surefire.booter.ForkedBooter.execute(ForkedBooter.java:125)
at org.apache.maven.surefire.booter.ForkedBooter.main(ForkedBooter.java:417)

Workspace naturalearth opened!
Opened Workspace naturalearth Layer countries as countries
177
Workspace naturalearth closed!

System Properties

Shows the shell's properties

geo-shell> **system properties**

> No parameters

geo-shell> **system properties**

awt.toolkit = sun.awt.X11.XToolkit
basedir = /home/travis/build/jericks/geo-shell
file.encoding = UTF-8
file.encoding.pkg = sun.io
file.separator = /

Version

Displays shell version

> No parameters

geo-shell> **version**

0.8.0-SNAPSHOT

Download

Download a URL to a file.

geo-shell> **download** --url https://astropedia.astrogeology.usgs.gov/download/Mars/Geology/Mars15MGeologicGISRenovation.zip --file mars.zip --overwrite false

Name	Description	Mandatory	Specified Default	Unspecified Default
url	The url	true		
file	The file	true		
overwrite	Whether to overwrite the file or not	false	true	true

geo-shell> **download** --url https://astropedia.astrogeology.usgs.gov/download/Mars/Geology/Mars15MGeologicGISRenovation.zip --file mars.zip --overwrite false
Downloading https://astropedia.astrogeology.usgs.gov/download/Mars/Geology/Mars15MGeologicGISRenovation.zip to /Users/jericks/Projects/geo-shell/mars.zip...

geo-shell> **unzip** --file mars.zip --directory mars
Unzipping /Users/jericks/Projects/geo-shell/mars.zip to /Users/jericks/Projects/geo-shell/mars

geo-shell> **style vector uniquevaluesfromtext** --field UnitSymbol --geometryType Polygon --styleFile mars/units.sld --textFile mars/I1802ABC_Mars_global_geology/I1802ABC_geo_units_RGBlut.txt
Create a unique values style from /Users/jericks/Projects/geo-shell/mars/I1802ABC_Mars_global_geology/I1802ABC_geo_units_RGBlut.txt for UnitSymbol and Polygon to /Users/jericks/Projects/geo-shell/mars/units.sld

geo-shell> **workspace open** --name mars --params mars/I1802ABC_Mars_global_geology/Shapefiles/I1802ABC_Mars2000_Sphere/geo_units_oc_dd.shp
Workspace mars opened!

geo-shell> **layer open** --workspace mars --layer geo_units_oc_dd
Opened Workspace mars Layer geo_units_oc_dd as mars:geo_units_oc_dd

geo-shell> **layer style set** --name mars:geo_units_oc_dd --style mars/units.sld
Style /Users/jericks/Projects/geo-shell/mars/units.sld set on mars:geo_units_oc_dd

geo-shell> **map open** --name mars
Map mars opened!

geo-shell> **map add layer** --name mars --layer mars:geo_units_oc_dd
Added mars:geo_units_oc_dd layer to map mars

geo-shell> **map draw** --name mars
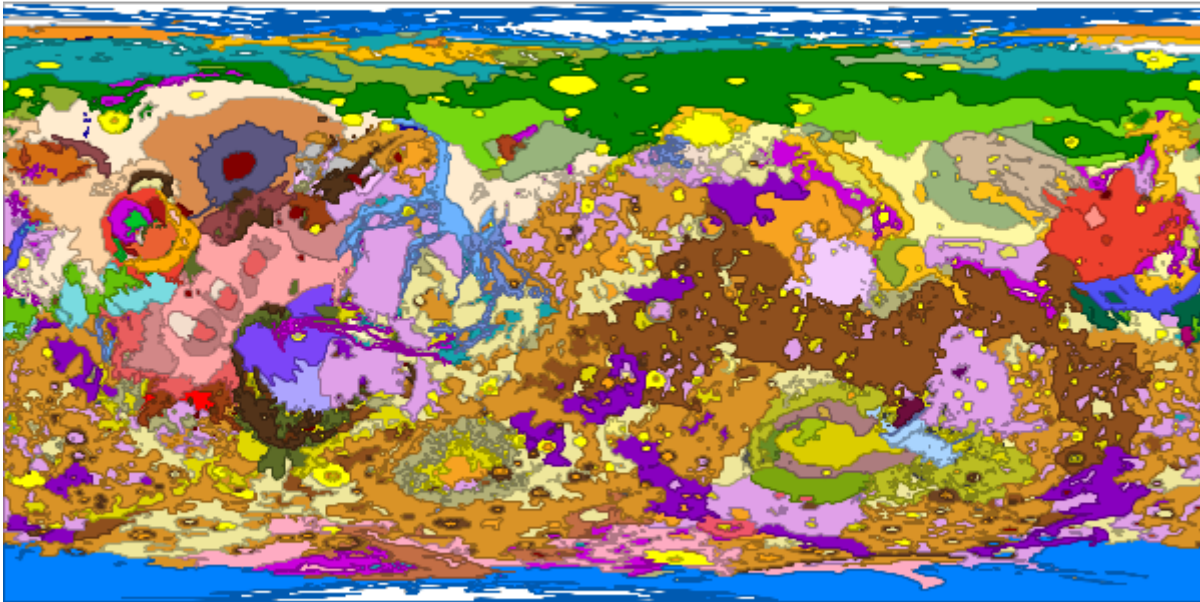Done drawing /Users/jericks/Projects/geo-shell/image.png!

geo-shell> **map close** --name mars
Map mars closed!

geo-shell> **open** --file image.png
Opening /Users/jericks/Projects/geo-shell/image.png...

Unzip

Unzip a file

geo-shell> **unzip** --file mars.zip --directory mars

Name	Description	Mandatory	Specified Default	Unspecified Default
file	The zip file	true		
directory	The directory	true		

geo-shell> **unzip** --file mars.zip --directory mars
Unzipping /Users/jericks/Projects/geo-shell/mars.zip to /Users/jericks/Projects/geo-shell/mars

Open

Open a File.

geo-shell> **open** --file image.png

Name	Description	Mandatory	Specified Default	Unspecified Default

file	The File	true		

geo-shell> **open** --file image.png
Opening /Users/jericks/Projects/geo-shell/image.png...