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Built in

Exit / Quit

Exits the shell

geo-shell> exit



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'

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

Sunday, January 19, 2020 1:49:59 AM UTC

^{*} layer open - Open a Layer.

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

Jan 19, 2020 1:49:58 AM org.geotools.data.DataAccessFinder getDataStore

WARNING: MBTiles with vector tiles should be used, but could not connect

java.io.IOException: org.sqlite.SQLiteException: [SQLITE_ERROR] SQL error or missing database (no

such table: metadata)

at org.geotools.mbtiles.MBTilesFile.loadMetaData(MBTilesFile.java:433)

at org.geotools.mbtiles.MBTilesFile.loadMetaData(MBTilesFile.java:412)

at org.geotools.mbtiles.MBTilesDataStore.<init>(MBTilesDataStore.java:75)

at

org.geotools.mbtiles.MBTilesDataStoreFactory.createDataStore(MBTilesDataStoreFactory.java:121)

at org.geotools.mbtiles.MBTilesDataStoreFactory.createDataStore(MBTilesDataStoreFactory.java:39)

at org.geotools.data.DataAccessFinder.getDataStore(DataAccessFinder.java:119)

at org.geotools.data.DataStoreFinder.getDataStore(DataStoreFinder.java:69)

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:115)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:127)
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:115)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:127)
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:101)
at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)
org. code haus. groovy. runtime. meta class. Closure Meta Class. invoke Method (Closure Meta Class. java: 35, 2000). The control of the con
1)
at org.codehaus.groovy.runtime.callsite.PogoMetaClassSite.callCurrent(PogoMetaClassSite.java:64)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCallCurrent(CallSiteArray.java:51)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:156)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:184)
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. Delegating Method Accessor Impl. invoke (Delegating Method Accessor Impl. java: 43)
at java.lang.reflect.Method.invoke(Method.java:498)
at org.codehaus.groovy.reflection.CachedMethod.invoke(CachedMethod.java:101)
at groovy.lang.MetaMethod.doMethodInvoke(MetaMethod.java:323)
at
org. code haus. groovy. runtime. meta class. Closure Meta Class. invoke Method (Closure Meta Class. java: 26 to 100 to 
at groovy.lang.MetaClassImpl.invokeMethod(MetaClassImpl.java:1041)
at groovy.lang.Closure.call(Closure.java:405)
org. code haus. groovy. runtime. Default Groovy Methods. each With Index (Default Groovy Methods. java: 2000) and the properties of the 
246)
at
```

```
org. code haus. groovy. runtime. Default Groovy Methods. each With Index (Default Groovy Methods. java: 2000) and the properties of the 
at
org. code haus. groovy. runtime. Default Groovy Methods. each With Index (Default Groovy Methods. java: 2000) and the properties of the 
at org.codehaus.groovy.runtime.dgm$199.invoke(Unknown Source)
at
org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite$PojoMetaMethodSiteNoUnwrapNoCoerc
e.invoke(PojoMetaMethodSite.java:244)
at org.codehaus.groovy.runtime.callsite.PojoMetaMethodSite.call(PojoMetaMethodSite.java:53)
at org.codehaus.groovy.runtime.callsite.CallSiteArray.defaultCall(CallSiteArray.java:47)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:115)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.call(AbstractCallSite.java:127)
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:156)
at org.codehaus.groovy.runtime.callsite.AbstractCallSite.callCurrent(AbstractCallSite.java:184)
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)
org.apache.maven.surefire.booter.ForkedBooter.invokeProviderInSameClassLoader(ForkedBooter.j
ava: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)
```

```
Caused by: org.sqlite.SQLiteException: [SQLITE_ERROR] SQL error or missing database (no such
table: metadata)
at org.sqlite.core.DB.newSQLException(DB.java:941)
at org.sqlite.core.DB.newSQLException(DB.java:953)
at org.sqlite.core.DB.throwex(DB.java:918)
at org.sqlite.core.NativeDB.prepare_utf8(Native Method)
at org.sqlite.core.NativeDB.prepare(NativeDB.java:134)
at org.sqlite.core.DB.prepare(DB.java:257)
at org.sqlite.core.CorePreparedStatement.<init>(CorePreparedStatement.java:47)
at org.sqlite.jdbc3.JDBC3PreparedStatement.<init>(JDBC3PreparedStatement.java:30)
at org.sqlite.jdbc4.JDBC4PreparedStatement.<init>(JDBC4PreparedStatement.java:19)
at org.sqlite.jdbc4.JDBC4Connection.prepareStatement(JDBC4Connection.java:35)
at org.sqlite.jdbc3.JDBC3Connection.prepareStatement(JDBC3Connection.java:241)
at org.sqlite.jdbc3.JDBC3Connection.prepareStatement(JDBC3Connection.java:205)
at org.geotools.jdbc.util.SqlUtil$PreparedStatementBuilder.<init>(SqlUtil.java:57)
at org.geotools.jdbc.util.SqlUtil.prepare(SqlUtil.java:240)
at org.geotools.mbtiles.MBTilesFile.loadMetaDataEntry(MBTilesFile.java:831)
at org.geotools.mbtiles.MBTilesFile.loadMetaData(MBTilesFile.java:419)
... 107 more
```

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 = /
java.awt.graphicsenv = sun.awt.X11GraphicsEnvironment
java.awt.printerjob = sun.print.PSPrinterJob
java.class.path = /home/travis/build/jericks/geo-shell/target/test-classes:/home/travis/build/jericks/geo-shell/target/classes:/home/travis/.m2/repository/org/geoscript-groovy/1.15SNAPSHOT/geoscript-groovy-1.15-SNAPSHOT.jar:/home/travis/.m2/repository/org/slf4j/slf4j-

api/1.7.25/slf4j-api-1.7.25.jar:/home/travis/.m2/repository/org/geotools/gt-main/23-SNAPSHOT/gt-

```
main-23-SNAPSHOT.jar:/home/travis/.m2/repository/org/geotools/gt-referencing/23-SNAPSHOT/gt-
referencing-23-SNAPSHOT.jar:/home/travis/.m2/repository/org/ejml/ejml-ddense/0.34/ejml-ddense-
0.34.jar:/home/travis/.m2/repository/org/ejml/ejml-core/0.34/ejml-core-
0.34.jar:/home/travis/.m2/repository/commons-pool/commons-pool/1.5.4/commons-pool-
1.5.4.jar:/home/travis/.m2/repository/jgridshift/jgridshift-core/1.2/jgridshift-core-
1.2.jar:/home/travis/.m2/repository/javax/javaee-api/7.0/javaee-api-
7.0.jar:/home/travis/.m2/repository/com/sun/mail/javax.mail/1.5.0/javax.mail-
1.5.0.jar:/home/travis/.m2/repository/javax/activation/activation/1.1/activation-
1.1.jar:/home/travis/.m2/repository/net/sf/geographiclib/GeographicLib-Java/1.49/GeographicLib-
Java-1.49.jar:/home/travis/.m2/repository/org/locationtech/jts/jts-core/1.16.1/jts-core-
1.16.1. jar:/home/travis/.m2/repository/org/apache/commons/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/1.6/commons-text/
1.6.jar:/home/travis/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.10.1/jackson-core-
2.10.1.jar:/home/travis/.m2/repository/javax/media/jai_core/1.1.3/jai_core-
1.1.3.jar:/home/travis/.m2/repository/org/geotools/gt-epsg-hsql/23-SNAPSHOT/gt-epsg-hsql-23-
SNAPSHOT.jar:/home/travis/.m2/repository/org/hsqldb/hsqldb/2.4.1/hsqldb-
2.4.1.jar:/home/travis/.m2/repository/org/geotools/gt-epsg-extension/23-SNAPSHOT/gt-epsg-
extension-23-SNAPSHOT.jar:/home/travis/.m2/repository/org/geotools/gt-render/23-SNAPSHOT/gt-
render-23-SNAPSHOT.jar:/home/travis/.m2/repository/org/geotools/gt-coverage/23-SNAPSHOT/gt-
coverage-23-SNAPSHOT.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/affine/jt-
affine/1.1.12/jt-affine-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/algebra/jt-
algebra/1.1.12/jt-algebra-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/bandmerge/jt-
bandmerge/1.1.12/jt-bandmerge-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/bandselect/jt-bandselect/1.1.12/jt-
bandselect-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/bandcombine/jt-
bandcombine/1.1.12/jt-bandcombine-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/border/jt-border/1.1.12/jt-border-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/buffer/jt-buffer/1.1.12/jt-buffer-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/crop/jt-crop/1.1.12/jt-crop-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/iterators/jt-iterators/1.1.12/jt-iterators-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/lookup/jt-lookup/1.1.12/jt-lookup-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/mosaic/jt-mosaic/1.1.12/jt-mosaic-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/nullop/jt-nullop/1.1.12/jt-nullop-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/rescale/jt-rescale/1.1.12/jt-rescale-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/scale/jt-scale/1.1.12/jt-scale-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/scale2/jt-scale2/1.1.12/jt-scale2-
1.1.12.jar:/home/travis/.m2/repository/org/huldra/math/bigint/0.7.1/bigint-
0.7.1.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/stats/jt-stats/1.1.12/jt-stats-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/translate/jt-translate/1.1.12/jt-translate-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/utilities/jt-utilities/1.1.12/jt-utilities-
1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/warp/jt-warp/1.1.12/jt-warp-
```

- 1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/zonal/jt-zonal/1.1.12/jt-zonal-
- 1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/binarize/jt-binarize/1.1.12/jt-binarize-
- 1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/format/jt-format/1.1.12/jt-format-
- 1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/colorconvert/jt-colorconvert/1.1.12/jtcolorconvert-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/errordiffusion/jterrordiffusion/1.1.12/jt-errordiffusion-
- 1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/orderdither/jt-orderdither/1.1.12/jtorderdither-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/colorindexer/jt-

colorindexer/1.1.12/jt-colorindexer-

1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/imagefunction/jt-imagefunction/1.1.12/jt-imagefunction-

1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/piecewise/jt-piecewise/1.1.12/jt-piecewise-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/classifier/jt-classifier/1.1.12/jt-classifier-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/rlookup/jt-rlookup/1.1.12/jt-rlookup-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/vectorbin/jt-vectorbin/1.1.12/jt-vectorbin-1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/shadedrelief/jt-shadedrelief/1.1.12/jt-shadedrelief-1.1.12.jar:/home/travis/.m2/repository/org/geotools/gt-cql/23-SNAPSHOT/gt-cql-23-

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1.1.12.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/jiffle/jt-jiffle-language/1.1.12/jt-jiffle-
language-1.1.12.jar:/home/travis/.m2/repository/org/antlr/antlr4-runtime/4.7.1/antlr4-runtime-
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compiler-3.0.8.jar:/home/travis/.m2/repository/it/geosolutions/jaiext/classbreaks/jt-
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2.5.9.jar:/home/travis/.m2/repository/com/opencsv/opencsv/3.7/opencsv-
```

3.7.jar:/home/travis/.m2/repository/com/lowagie/itext/2.1.7/itext-

2.1.7.jar:/home/travis/.m2/repository/org/springframework/shell/spring-shell/1.2.0.RELEASE/spring-shell-1.2.0.RELEASE.jar:/home/travis/.m2/repository/com/google/guava/guava/17.0/guava-

17.0.jar:/home/travis/.m2/repository/jline/jline/2.12/jline-

2.12. jar:/home/travis/.m2/repository/org/springframework/spring-context-pringframework/spring

support/4.2.4.RELEASE/spring-context-support-

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4.2.4.RELEASE.jar:/home/travis/.m2/repository/aopalliance/aopalliance/1.0/aopalliance-

1.0.jar:/home/travis/.m2/repository/org/springframework/spring-expression/4.2.4.RELEASE/spring-expression-4.2.4.RELEASE.jar:/home/travis/.m2/repository/commons-io/commons-io/2.4/commons-io-2.4.jar:/home/travis/.m2/repository/org/springframework/spring-core/4.2.4.RELEASE/spring-core-4.2.4.RELEASE.jar:/home/travis/.m2/repository/commons-logging/commons-logging/1.2/commons-logging-1.2.jar:/home/travis/.m2/repository/junit/junit/4.12/junit-

4.12.jar:/home/travis/.m2/repository/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.jar: java.class.version = 52.0

java.endorsed.dirs = /usr/lib/jvm/java-8-oracle/jre/lib/endorsed

Version

Displays shell version



No parameters

geo-shell> version

0.7-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

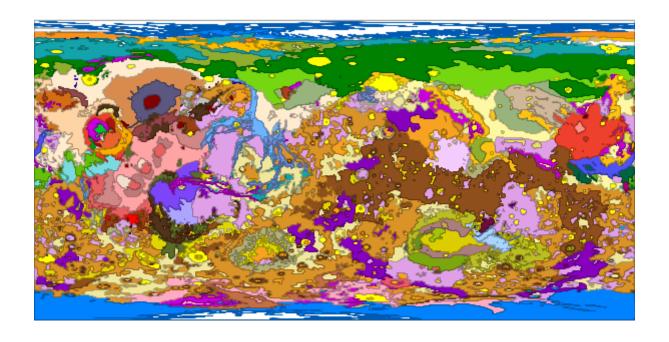
geo-shell> **map open** --name mars Map mars opened!

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...