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Workspace

Workspaces hold vector layers. A Workspace can be a GeoPackage database, a directory of Shapefiles, or a PostGIS database.

Basics

You can open, close, and list Workspaces. The earliest Workspace to open is an in memory Workspace.

Open a Workspace

```
geo-shell> workspace open --name mem --params memory  
Workspace mem opened!
```

You can open a Workspace with --params or connection parameters. You can give it a name with --name flag.

List open Workspaces

```
geo-shell> workspace list  
mem = Memory
```

Listing open Workspaces give you the name and the type Workspace.

Close a Workspace

```
geo-shell> workspace close --name mem  
Workspace mem closed!
```

Once you close a Workspace by name it will no longer appear with the list command.

Layers

In this example, we will open a GeoPackage database filled with data from Natural Earth.

Open a Workspace

```
geo-shell> workspace open --name naturalearth --params src/test/resources/naturalearth.gpkg  
Workspace naturalearth opened!
```

List open Workspaces

```
geo-shell> workspace layers --name naturalearth  
countries  
ocean  
places  
states
```

Close a Workspace

```
geo-shell> workspace close --name naturalearth  
Workspace naturalearth closed!
```