

```
private static ModuleLayer createLayer(List<ModuleLayer> parentLayers, Path  
modulePath, String rootModule) {
```

```
    Configuration configuration = createConfiguration(parentLayers,  
modulePath, rootModule);
```

```
    ModuleLayer layer = ModuleLayer  
        .defineModulesWithOneLoader(configuration, parentLayers,  
ClassLoader.getSystemClassLoader())  
        .layer();
```

```
    return layer;  
}
```

```
private static Configuration createConfiguration(List<ModuleLayer>  
parentLayers, Path modulePath, String rootModule) {
```

```
    List<Configuration> configurations = parentLayers.stream()  
        .map(ModuleLayer::configuration)  
        .collect(Collectors.toList());
```

```
    Configuration configuration =  
Configuration.resolve(ModuleFinder.of(),  
        configurations,  
        ModuleFinder.of(modulePath, Path.of("libs")),  
        List.of(rootModule));
```

```
    return configuration;  
}
```

```
}
```