



GridGain Examples

This folder contains all examples shipped with GridGain including examples for Java, Scala, Groovy, PHP with REST access as well as configuration and other miscellaneous files.

If you are using IDEA or Eclipse Java IDEs you can open pre-configured projects by either clicking on [idea_users_open_this_file.ipr](#) file or following instructions in [eclipse_users_read_here.txt](#). Both files are located in the root of GridGain installation.

'grover' folder

This folder contains [Grover](#) examples. Grover is Groovy++ based DSL for GridGain.

This is the simple example of full featured MapReduce app in Grover (equivalent to Java example above):

```
package org.gridgain.grover.examples

import static org.gridgain.grid.GridClosureCallMode.*
import static org.gridgain.grover.Grover.*
import org.gridgain.grover.categories.*

@Typed
@Use(GroverProjectionCategory)
class GroverWorldShortestMapReduce {
    static void main(String[] args) {
        grover { ->
            def input = "World shortest mapreduce application"

            println("Non-space characters count: " +
                grid$.reduce$(SPREAD, input.split(" ").
                    collect { { -> it.length() } }, { it.sum() } })
        }
    }
}
```

```
}  
  }  
  }  
)
```