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.

'scalar' folder

This folder contains `Scalar` examples. Scalar is an advanced Scala-based DSL for GridGain.

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

```
package org.gridgain.scalar.examples

import org.gridgain.scalar.scalar
import scalar._
import org.gridgain.grid.GridClosureCallMode._

object ScalarWorldShortestMapReduce {
    def main(args: Array[String]) {
        scalar {
            val input = "World shortest mapreduce application"

            println("Non-space characters count: " +
                grid$ @<(SPREAD, for (w <- input.split(" "))
                    yield (() => w.length), (s: Seq[Int]) => s.sum)
            )
```

```
        }
    }
}
```