


# Report 3

|                    |   |
|--------------------|---|
| Project Name       | Spark Backend Support for Gora (GORA-386)   |
| Project URL        |  <a href="#">GORA-386</a> - Gora Spark Backend Support <span>RESOLVED</span> |
| Report #           | 3   |
| Report compiled by | Furkan KAMACI   |
| Report date        | 24 June 2015  |

## Project Description

Apache Gora open source framework provides an in-memory data model and persistence for big data. Gora supports persisting to column stores, key value stores, document stores and RDBMSs, and analyzing the data with extensive Apache Hadoop MapReduce support. Even Spark is so powerful compared to Map/Reduce which Gora currently supports; there is no Spark backend for Gora. This proposal aims to develop a solution for Gora to support Spark.

## Checklist

GoralInputFormat is analyzed.

Spark's newAPIHadoopRDD method is analyzed.

Data is read from Hbase via Spark.

## Next Steps

Read data over GoralInputFormat via Spark.

Develop and engine for Gora - Spark integration.

Implement LogAnalytics example with Gora - Spark style.

## Supervisors Comments