

Apache Beam Quick Guide Python

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Introduction

This document seeks to outline and describe the model utilised by Apache Spark.

"Apache Spark is a fast and general-purpose cluster computing system."

1 Terminology

- **Resilient Distributed Datasets - RDD:** fault-tolerant collection of elements that can be operated on in parallel.
- **Parallelization:** members from collection are copied to form a distributed dataset, to be operated on in parallel. Slicing the data into a number of partitions to be used in the cluster.
- **Cluster:** ...
- **Cloud Dataproc:** Google Cloud Dataproc lets you provision Apache Hadoop clusters and connect to underlying analytic data stores.

2 Other Documentation and Links

- Google Cloud Storage Connector with Apache Spark