

# Development Guide

Welcome to the MapR Development Guide! This guide is for application developers who write programs using MapReduce and other tools in the Hadoop ecosystem.

Click on one of the sub-sections below to get started.

- [Working with MapReduce and Applications](#)
  - [Configuring the Classpath for External Applications](#)
  - [Configuring Existing MapReduce v1 Jobs to Run in MapR 4.0.x](#)
  - [Classpath Construction for MapReduce](#)
  - [Managing Third-Party Libraries for MapReduce](#)
- [Working with MapR-FS](#)
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- [Working with Data](#)
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- [MapR Metrics and Job Performance](#)
- [Maven Artifacts for MapR](#)
- [Integrating MapR's GitHub and Maven Repositories With Your IDE](#)

## Related Topics

- See the [Administrator Guide](#) for details on managing a MapR cluster.
- See the [Advanced Installation Topics](#) for details on planning and installing a MapR cluster.
- See the [Upgrade Guide](#) for details on upgrading the core software on a MapR cluster.