

## GIS tools for big data

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graph TD; A[GIS tools for big data] -- "Hadoop Ecosystem" --> B[spatial frameworks for Hadoop]; A -- "GRASS GIS" --> C[GRASS Hadoop Framework]; B -.-> D["• JSON SerDe<br>• Hive UDFs"]; C -.-> E["• Tools that copy to/from HDFS<br>• Tools that convert to/from GoeJSON<br>• Tools that allows controlling Hive"]
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Hadoop Ecosystem

spatial frameworks for Hadoop

- JSON SerDe
- Hive UDFs

GRASS GIS

GRASS Hadoop Framework

- Tools that copy to/from HDFS
- Tools that convert to/from GoeJSON
- Tools that allows controlling Hive