

Software Architecture

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If you encounter any error, feel free to [enter an issue on GitHub](#).

kafkatrain - Containers

Dot Executable: /opt/local/bin/dot
File does not exist
Cannot find Graphviz. You should try

@startuml
testdot
@enduml

or

java -jar plantuml.jar -testdot

Kafkatrain containers

We use Kafka to fully isolate load between sncfReader and storage. We use ElasticSearch to provide various search directions, as we will request search based on geographic criteria as well as proximity.

1. Software architecture of sncfReader component

kafkatrain - sncf-reader - Components

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Components of SNCF Reader

This one is quite simple : one verticle reads data from Navitia HTTP endpoint, send the obtained data through Vert.x event bus to another which outputs data to a Kafka stream.