# Intellisense Data Integration Test Project

This project parse csv files and construct JSON file following the format ‘{mac : mac, created : createdDate, payload : {}, received : receivedDate}’ using javascript on node.js. The class test ‘App.js’ call the function ‘csvJSON’ witch return a JSON object, then this object is turn into a JSON file and sent to a FTP service.

## Getting Started

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes. This project is available on github repository and can be accessed by the link <https://github.com/tairoteixeira2020/IntellisenseTest>.

### Prerequisites

To run this test project is needed nmp, Node.js, node-ftp and FTP service running on your machine.

To get started in this walkthrough, install Node.js (<https://nodejs.org/en/download/>) for your platform. The npm (Node Package Manager) is included in the Node.js distribution. You'll need to open a new terminal (command prompt) for the node and npm command-line tools to be on your PATH.

To install node-ftp use the command line bellow on your terminal.

$ npm install ftp

### Running the test

To run the test you need to call the file App.js using node.js as follow:

$ Node App.js csvFileName.csv jsonFileName.json

Where csvFileName.csv is the csv file to be parsed and jsonFileName.json is the JSON file created to be sent to the FTP service.

There is three csv files on the repository. To use 2020-04-20T14.00.00-testfile1.csv as a testing example, you can use the following command on your terminal:

$ Node App.js 2020-04-20T14.00.00-testfile1.csv 2020-04-20T14.00.00-testfile1.json

Observation: the FTP connections settings is hard coded on the file App.js. If you want to connect to another FTP service is needed to edit the part of App.js file bellow.

// FTP connections settings

  var connectionProperties = {

    host: "localhost",

    port: "21",

    user: "anonymous",

    password: "",

};