

Points to be noted:

1. You have to put all files in the Project folder path which you want to parse.
2. use --inputFile for adding the files which you want to parse
3. use --outputFile for adding extracted data in to output file
4. use --properties : which defines also match with all files header
5. Right now i have parse below files
csv, xml, tsv, json (files which i have added in Example folder)
6. If you want to parse another file then need to code also for that in switch case , since parsing of different format file have its own syntax for parsing and all. So i have just parsing above described files.
7. Header name also dynamic, it matches with --properties in cmd. make sure that --properties and file header must have equal count and equal name otherwise it will give error msg.
8. I have create below cmd-line for testing:

```
php parser.php --inputFile="new.csv" --outputFile="output.csv" --inputFile="test.xml" --  
properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb  
_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","co  
unt":"count"} --inputFile="test.json" --inputFile="products_tab_separated.tsv"
```

Below i have show different test cases in different command or situation. Please see below test case.

Test case

1. Files not added ==> php parser.php

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php
int(2097152)
Array
(
    [error] => Array
        (
            [input_files_error] => There is no input file exist for prasing!
            [output_files_error] => There is no output file for store data!
            [properties_error] => There are no properties defined for prasing
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$ ~
```

2. Only input File added ==> php parser.php --inputFile="new.csv"

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php --inputFile="new.csv"
int(2097152)
Array
(
    [error] => Array
        (
            [output_files_error] => There is no output file for store data!
            [properties_error] => There are no properties defined for prasing
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$ ~
```

3. Only input and output file added ==> php parser.php --inputFile="new.csv" --outputFile="output.csv"

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php --inputFile="new.csv" --outputFile="output.csv"
int(2097152)
Array
(
    [error] => Array
        (
            [properties_error] => There are no properties defined for prasing
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$ ~
```

4. Input & Output file added but with wrong properties ==> `php parser.php --inputFile="new.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name"}`

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php --inputFile="new.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name"}
int(2097152)
Array
(
    [error] => Array
        (
            [properties_error] => Properties not match with input file
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$
```

5. File not exist ==> `php parser.php --inputFile="new1.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","count":"count"}`

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php --inputFile="new1.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","count":"count"}
int(2097152)
Array
(
    [error] => Array
        (
            [file] => Array
                (
                    [new1.csv] => Array
                        (
                            [file_not_exist] => File : new1.csv Not exist!
                        )
                    )
                )
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$
```

6. All files and Properties added ==> php parser.php --inputFile="new.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","count":"count"}

```
hetali@hetali-Inspiron-3542: /var/www/html/Example$ php parser.php --inputFile="new.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","count":"count"}

[0] => Array
(
    [model] => 6865I
    [condition] => Working
    [grade] => Grade B - Good Condition
    [capacity] => Not Applicable
    [colour] => Black
    [network] => Not Applicable
    [count] => 1
)

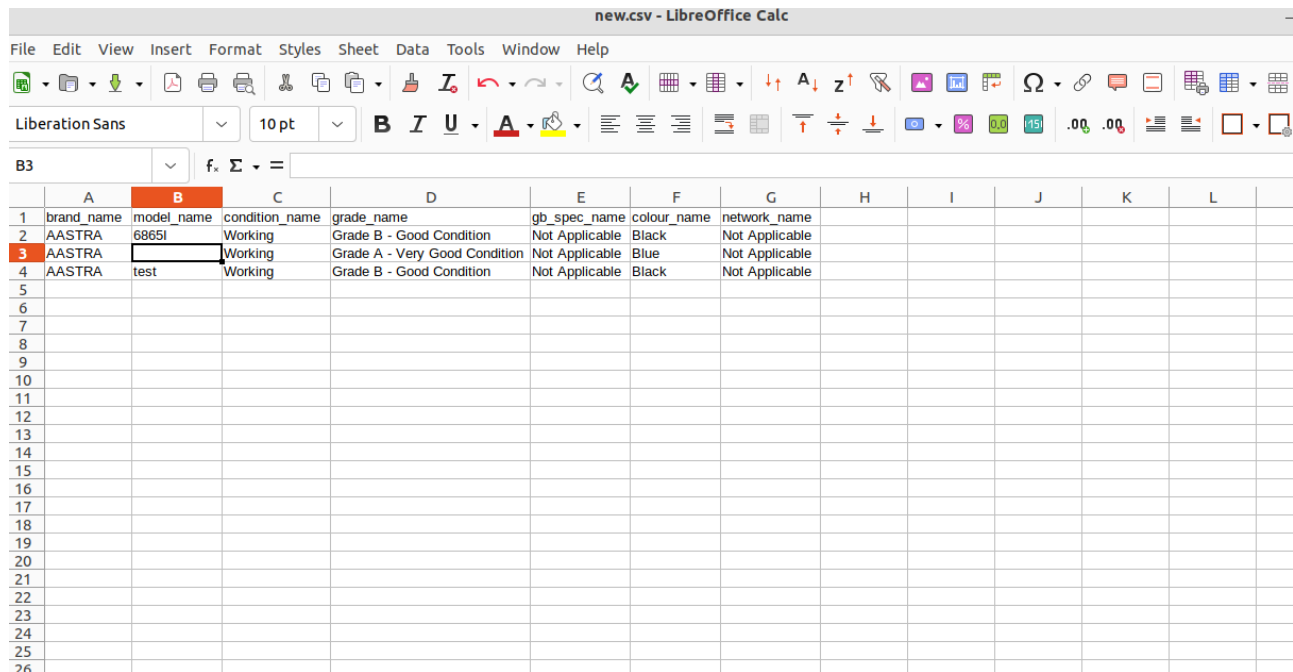
[1] => Array
(
    [make] => AASTRA
    [model] => 6865I
    [condition] => Working
    [grade] => Grade A - Very Good Condition
    [capacity] => Not Applicable
    [colour] => Blue
    [network] => Not Applicable
    [count] => 1
)

[2] => Array
(
    [make] => AASTRA
    [model] => test
    [condition] => Working
    [grade] => Grade B - Good Condition
    [capacity] => Not Applicable
    [colour] => Black
    [network] => Not Applicable
    [count] => 1
)

Data imported successfully!int(2097152)
hetali@hetali-Inspiron-3542: /var/www/html/Example$
```

7. brand_name and model_name empty in any file : for that you need to blank some values from csv or other file which you want to parse

```
php parser.php --inputFile="new.csv" --outputFile="output.csv" --
properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb
_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","co
unt":"count"}
```



	A	B	C	D	E	F	G	H	I	J	K	L
1	brand_name	model_name	condition_name	grade_name	gb_spec_name	colour_name	network_name					
2	AASTRA	6865I	Working	Grade B - Good Condition	Not Applicable	Black	Not Applicable					
3	AASTRA		Working	Grade A - Very Good Condition	Not Applicable	Blue	Not Applicable					
4	AASTRA	test	Working	Grade B - Good Condition	Not Applicable	Black	Not Applicable					
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												

```
hetali@hetali-Inspiron-3542:/var/www/html/Example$ php parser.php --inputFile="new.csv" --outputFile="output.csv" --properties={"model":"model_name","make":"brand_name","colour":"colour_name","capacity":"gb_spec_name","network":"network_name","grade":"grade_name","condition":"condition_name","count":"count"}
int(2097152)
Array
(
    [error] => Array
        (
            [validation_error] => brand_name and model_name is required!
        )
)
hetali@hetali-Inspiron-3542:/var/www/html/Example$
```