

Documentation:

Detailed Annotation and explainnation shows in Project.

See JavaDoc file in CarConfigurationServer/doc/ and CarConfigurationClient/doc/

Explanation of Test Run:

Client:

```
Mar 07, 2014 9:33:00 PM org.apache.coyote.AbstractProtocolHandler start
INFO: Starting ProtocolHandler ["ajp-bio-8009"]
Mar 07, 2014 9:33:00 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 591 ms
Client is up...
Handling session with localhost:4448
Server: Please upload a txt file or Properties file
E:\cirriculum_spring\Java for Smartphone
Development\submit\tingy_HW7\CarConfigurationClient\property_jetta.txt
Client: E:\cirriculum_spring\Java for Smartphone
Development\submit\tingy_HW7\CarConfigurationClient\property_jetta.txt
Server: Receive the file and Create Automobile object Successfully. Please choose
upload another file(u) or select model(s)
u
Client: u
Server: Please upload a txt file or Properties file
E:\cirriculum_spring\Java for Smartphone
Development\submit\tingy_HW7\CarConfigurationClient\property_Ford.txt
Client: E:\cirriculum_spring\Java for Smartphone
Development\submit\tingy_HW7\CarConfigurationClient\property_Ford.txt
Server: Receive the file and Create Automobile object Successfully. Please choose
upload another file(u) or select model(s)
s
Client: s
```

After you input s in the console, please refresh the page in Eclipse or paste the link to a browser then continue.

IN <http://localhost/CarConfigurationClient/ModelServlet>

Select the model name you want to configure

- ☐ Jetta
- ☐ Focus Wagon ZTW

Submit

Basic Car Choice

Submit

Info Type	Value
Make/Model:	Focus Wagon ZTW
Color:	Black ▾
Transmission:	Manual ▾
Brakes:	Regular ▾
Side Impact Air Bags:	present ▾
Power Moonroof:	present ▾

Here is what you selected

	Apples	Oranges
Focus Wagon ZTW	base price	158757
Color	Black	0
Transmission	Manual	-815
Brakes	Regular	1625
Side Impact Air Bags	present	0
Power Moonroof	present	0
Total Cost		159567

localhost » carconfiguration

Table	Action	Rows	Type	Collation	Size	Overhead
automobiles	Browse Structure Search Insert Empty Drop	~1	InnoDB	utf8_bin	32 KiB	-
options	Browse Structure Search Insert Empty Drop	~19	InnoDB	utf8_bin	48 KiB	-
optionsets	Browse Structure Search Insert Empty Drop	~5	InnoDB	utf8_bin	32 KiB	-
3 tables	Sum	25	InnoDB	utf8_bin	112 KiB	0 B

localhost » carconfiguration » automobiles

Browse Structure SQL Search Insert Export

✓ Showing rows 0 - 0 (1 total, Query took 0.0005 sec)

```

SELECT *
FROM `automobiles`
LIMIT 0 , 30

```

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

+ Options

	model	make	basePrice	name
<input type="checkbox"/> Edit Copy Delete	Focus Wagon ZTW	Ford	158757	FordZTW

Check All With selected: Change Delete Export

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

✓ Showing rows 0 - 4 (5 total, Query took 0.0005 sec)

```
SELECT *  
FROM `optionsets`  
LIMIT 0 , 30
```

Show : Start row: Number of rows: Headers every rows

Sort by key:

+ Options






				id	model	name
<input type="checkbox"/>		Edit		Copy		Delete
1				Focus Wagon ZTW	Color	
<input type="checkbox"/>		Edit		Copy		Delete
2				Focus Wagon ZTW	Transmission	
<input type="checkbox"/>		Edit		Copy		Delete
3				Focus Wagon ZTW	Brakes/Traction Control	
<input type="checkbox"/>		Edit		Copy		Delete
4				Focus Wagon ZTW	Side Impact Air Bags	
<input type="checkbox"/>		Edit		Copy		Delete
5				Focus Wagon ZTW	Power Moonroof	

↑ ☐ Check All With selected: Change Delete Export

Show : Start row: Number of rows: Headers every rows

Query results operations

+ Options

  Edit  Copy  Delete	id	opset_id	name	price
  Edit  Copy  Delete	1	1	Fort Knox Gold Clearcoat Metallic	0
  Edit  Copy  Delete	2	1	Liquid Grey Clearcoat Metallic	0
  Edit  Copy  Delete	3	1	Infra-Red Clearcoat	0
  Edit  Copy  Delete	4	1	Grabber Green Clearcoat Metallic	0
  Edit  Copy  Delete	5	1	Sangria Red Clearcoat Metallic	0
  Edit  Copy  Delete	6	1	French Blue Clearcoat Metallic	0
  Edit  Copy  Delete	7	1	Twilight Blue Clearcoat Metallic	0
  Edit  Copy  Delete	8	1	CD Silver Clearcoat Metallic	0
  Edit  Copy  Delete	9	1	Pitch Black Clearcoat	0
  Edit  Copy  Delete	10	1	Cloud 9 White Clearcoat	0
  Edit  Copy  Delete	11	2	automatic	0
  Edit  Copy  Delete	12	2	manual	-815
  Edit  Copy  Delete	13	3	Standard	0
  Edit  Copy  Delete	14	3	ABS	400
  Edit  Copy  Delete	15	3	ABS with Advance Trac	1625
  Edit  Copy  Delete	16	4	present	350
  Edit  Copy  Delete	17	4	not present	0
  Edit  Copy  Delete	18	5	present	0
  Edit  Copy  Delete	19	5	not present	0

After Update:

+ Options				
  Edit  Copy  Delete	model	make	basePrice	name
  Edit  Copy  Delete	Focus Wagon ZTW	hahah	12000	so
  Check All With selected:  Change  Delete  Export				

Some output:

Inserted records into the table...

OptSQL:UPDATE options SET name='red',price=200 WHERE id=1;

Inserting records into the table...

OptSQL:UPDATE options SET name='red',price=200 WHERE id=1;
createDB:UPDATE options SET name='red',price=200 WHERE id=1;
Inserted records into the table...
AutoSQL:UPDATE automobiles SET make='hahah',basePrice=12000,name='so' WHERE
model='Focus Wagon ZTW';
Inserting records into the table...
AutoSQL:UPDATE automobiles SET make='hahah',basePrice=12000,name='so' WHERE
model='Focus Wagon ZTW';
createDB:UPDATE automobiles SET make='hahah',basePrice=12000,name='so' WHERE
model='Focus Wagon ZTW';
Inserted records into the table...
delete the Option Successfully!
OptSQL:DELETE FROM options WHERE id = 2;
Creating statement...
OptSQL:DELETE FROM options WHERE id = 2;