

pjjTextBase 1.2 function list

<http://www.pjj.pl/pjjtextbase/>

ptb_add – appends one record to the database → **true** on success and **null** (=false) on failure

```
ptb_add($filename, $location, $fieldValues);
```

ptb_addField – adds field to the data file → **true** on success and **null** (=false) on failure

```
ptb_addField($filename, $location, $newFieldName[, $defaultValue = '']);
```

ptb_append – appends records from the second table → **array** on success and **null** (=false) on failure

```
$var = ptb_append($database, $filename[, $location = PTB_DEFAULT_DB_LOCATION[, $recursive = true[,  
$keyField = '']]]);
```

ptb_changeFieldName – changes name of field in the data file → **true** on success and **null** (=false) on failure

```
ptb_changeFieldName($filename, $location, $oldFieldName, $newFieldName);
```

ptb_connect – connects to the database → **array** or **null**, if data file doesn't exist or contains no data

```
$var = ptb_connect($filename[, $location = PTB_DEFAULT_DB_LOCATION[, $recursive = true[, $keyField = '']]]);
```

ptb_count – counts records in the database → **integer**; if \$database is not an array, returns **0**

```
$var = ptb_count($database[, $condition = '']);
```

ptb_create – creates empty database → **true** on success and **null** (=false) on failure

```
ptb_create($filename, $location, $fieldNamesLine[, $secure = PTB_DEFAULT_SECURITY]);
```

ptb_delete – deletes records upon given condition → **true** on success (or no changes) and **null** (=false) on failure

```
ptb_delete($filename, $location, $condition);
```

ptb_delField – deletes field from the data file → **true** on success and **null** (=false) on failure

```
ptb_delField($filename, $location, $fieldName);
```

ptb_fieldnames – lists names of all fields–or tells if given field exists → 1 arg **array** or **null** if database empty; 2 args **true** or **null** (=false)

```
ptb_fieldnames($database[, $fieldName]);
```

ptb_listUnique – lists unique values of given database → **array** or **null** if database is empty

```
$var = ptb_listUnique($database, $fieldName);
```

ptb_map – shows record or value of one field, that corresponds with given value → 2 args **array** or **null**; 3 args **string** or **null**

```
$var = ptb_map($database, $equation[, $otherFieldName]);
```

ptb_max – show biggest numeric value → **integer** or **null**

```
$var = ptb_max($database, $fieldName);
```

ptb_merge – merges two databases (juxtaposes columns) → **array** (or **null** if both aren't arrays)

```
$var = ptb_merge($database, $filename[, $location = PTB_DEFAULT_DB_LOCATION[, $keyField = '']]);
```

ptb_min – show smallest numeric value → **integer** or **null**

```
$var = ptb_min($database, $fieldName);
```

ptb_select – selects records according to given condition (and optionally sorts them) → **array** or **null**

```
$var = ptb_select($database, $condition[, $sort = '', $limit = '']];
```

ptb_sort – sorts table → **array**

```
$var = ptb_sort($database, $sort);
```

ptb_update – changes values in the database upon given condition → **true** on success (or no changes) and **null** (=false) on failure

```
ptb_update($filename, $location, $condition, $update);
```

ptb_write – writes down table to a file → **true** on success and **null** (=false) on failure

```
ptb_write($filename, $location, $table[, $security = PTB_DEFAULT_SECURITY]);
```

isThere – simple check for reference in multi field

```
$var = ptb_select($database, "isThere('<needle>', 'fieldname')");
```

isThereExt – advanced check for reference in multi field

```
$var = ptb_select($database, "isThereExt('fieldname', $condition)");
```

Samples:

```
$condition "'age' > 40"; $condition in isThereExt: "isThereExt('%category', '\$piece > 5')"  
$location '/db'  
$sort 'name ASC, birth DESC'  
$fieldNamesLine 'id|name|surname|birth'  
$fieldValues '13|Joe|Average|680821'  
$update "'name' = 'John', 'surname' = $newSurname"
```