

# db\_common

## dbgenericselectindict

generic function to select multiple records and return them in a dict

```
ret=db_common.dbgenericselectindict(session,"test","test_id",["fld1","fld2","fldx"],"fld","A",
"fld2","D","fld2",2,">")
```

Execute query : select fld1,fld2,fldx,test\_id from test where fld2 > 2 order by fldx ASC, fld2 DESC; and put results in a dict

```
print ret
```

[8 :["fld1" : "foo", "fld2" : 4, "fldx" : "bar"],9 :["fld1" : "foox", "fld2" : 3, "fldx" : "cbar"],....] keys 8,9 are test\_id values

### Paramètres

Paramètre	Type	Default	Description
<b>usession</b>	session	None	NCHP Session
<b>itbl</b>	string	None	table to fetch
<b>ifldkey</b>	string	None	fields that will be key for return dict
<b>iflds</b>	list	None	fields to put values in
<b>iorder</b>	string	None	Field for default sort
<b>isens</b>	"A" or "D"	A	sort ascendant or descendant
<b>iorderother</b>	string		optional second sort
<b>isensother</b>	"A" or "D"	A	sort ascendant or descendant for second sort
<b>ifldcond</b>	string		optional field to check in where clause
<b>ifldcondval</b>	undefined		optional value for field to check in where clause
<b>ifldop</b>	string	=	optional operator for field to check in where clause
<b>ifldcond2</b>	string		optional second field to check in where clause
<b>ifldcondval2</b>	undefined		optional second value for field to check in where clause
<b>ifldop2</b>	string	=	optional second operator for field to check in where clause
<b>dbtype</b>		None	
<b>ifldcond3</b>			
<b>ifldcondval3</b>			
<b>ifldop3</b>		=	

### Retour

Type de retour	Valeur de retour
dict	dictionary containing recordset

 Ne vous fiez pas aux paramètres d'ordre car le résultat étant un dictionnaire, l'ordre des clés/valeurs dans un dictionnaire en Python est arbitraire (et vous ne pourrez pas le connaître).

## Exemples

Par exemple si l'on veut sélectionner tout les enregistrements de la table facture sans spécifier d'ordre ou de conditions:

```
vdict = db_common.dbgenericselectindict(gses, "facture", "FACTURE_ID",
["FACTURE_NUM", "FACTURE_DATE", "FACTURE_TTC"])
print vdict
```

On obtiendra

```
{"7":{"FACTURE_NUM":"F001013",FACTURE_DATE:"2017-08-28
00:00:00",FACTURE_TTC":2450.30},
"8":{"FACTURE_NUM":"F001027",FACTURE_DATE:"2017-08-31
00:00:00",FACTURE_TTC":1370.0}}
```

## dbgenericselect

generic function to fetch record in a system table on a primary key

```
ret=db_common.dbgenericselect(session,"test",32,"fld1","fld2","fldx")
```

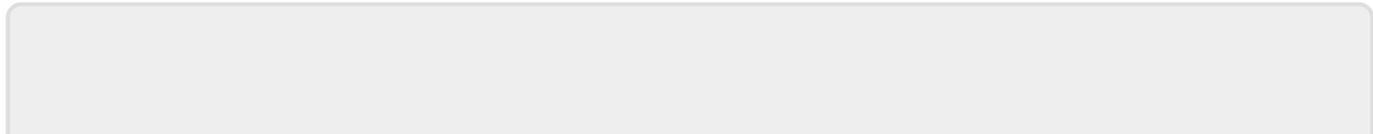
Execute query : select fld1,fld2,fldx from test where test\_id=32;

## Paramètres

Paramètre	Type	Default	Description
usession	session	None	NCHP Session
itbl	string	None	table to fetch
iidval	long	None	Primary Key of record to get
itblfld	string multiple	None	fields to get

## Retour

Type de retour	Valeur de retour
list,description	row selected , description of fields (datatype etc) : see description in db modules (db_mysql,db_postgres etc....)



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