
Question

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Cache SQL and GROUP BY clause

Hi members,

I have these data :

Détails du catalogue
Exécuter requête
Parcourir
Expressions SQL

EXECUTE
Afficher le plan
Afficher l'historique
Créateur de requête SQL

SELECT * FROM BCSCAN

Compte lignes: 34 Performances: 0.001 Secondes 41 Références globales 3618 lignes exé

rcddate	bc	cdstat	cot	dtpub
66070	3310308229	3000	336.1 BOU	2019
66070	3310354752	3000	347.9 CAD	2020
66070	3310352505	3000	347.6 BEN	2020
66070	3310216944	3000	347.9 DRO	2011
66070	3310233446	3000	347.6 COU	2013
66070	3310290050	3000	35 MOR	2017
66070	3310290050	3000	35 MOR	2017
66070	3310169370	8000	840"19" BAR	1994
66070	3310282086	3000	327 MON	2017
66070	3310210522	3000	347 MAL	2009
66070	3310354646	3000	35 WAL	2020
66070	3310356336	3000	347 COD	2021
66070	3310303477	5000	61(076) TOU	2019
66070	3310228701	5000	611 NET	2011
66070	3310289672	8000	7.01 BAT	2017
66070	3 2102 00090 4264	8000	7.035 AVE	1991
66070	3310005159	8000	82.02(03) DIC	2001
66070	3310125611	4000	(03)=40 DIC	2006
66070	3310189842	8000	840(03) BEA	1994
66070	3 2102 00072 5040	8000	1"- DIO	1994
66070	3310308182	3000	341.1(4) BLU	2019
66070	3310256728	3000	341.1(4) GRA	2014
66070	3310295321	3000	341.1(4) BLA	2018
66070	3310348492	3000	336.1 BAU	2021
66071	3310350624	5000	617.7 ODH	2021

and need to exploit the first character of cot field (Library CDU classification) like this :

Détails du catalogue
Exécuter requête
Parcourir
Expressions SQL

EXECUTE
Afficher le plan
Afficher l'historique
Créateur de requête SQL
Mode logique
Max 1000

```

SELECT {fn WEEK(rcddate)} AS "Semaine",
CASE {fn LEFT(cot,1)}
WHEN '(' THEN count(*)
END Dicos,
CASE {fn LEFT(cot,1)}
WHEN '0' THEN count(*)
END Gen,
CASE {fn LEFT(cot,1)}
WHEN '1' THEN count(*)
END Philo,
CASE {fn LEFT(cot,1)}
WHEN '2' THEN count(*)
END Religion,
CASE {fn LEFT(cot,1)}
WHEN '3' THEN count(*)
END SHS,
CASE {fn LEFT(cot,1)}
WHEN '5' THEN count(*)
END Sciences,
CASE {fn LEFT(cot,1)}
WHEN '6' THEN count(*)
END Tech,
CASE {fn LEFT(cot,1)}
WHEN '7' THEN count(*)
END Arts,
CASE {fn LEFT(cot,1)}
WHEN '8' THEN count(*)
END Litt,
CASE {fn LEFT(cot,1)}
WHEN '9' THEN count(*)
END HisGeo
FROM BCSCAN
GROUP BY {fn WEEK(rcddate)},{fn LEFT(cot,1)}

```

Compte lignes: 7 Performances: 0.003 Secondes 184 Références globales 3301 lignes exécutées 0 latence de lecture de disque (ms)

Semaine	Dicos	Gen	Philo	Religion	SHS	Sciences	Tech	Arts	Litt	HisGeo
48	1									
48			1							
48					19					
48							5			
48								2		
48									4	
48										2

I get this result... it's approximatively what I want... but I need it in just one line !

With mySQL I get it with just GROUP BY rcddate

In Cache SQL I have to add {fn LEFT(cot,1)} to get the counts of each first character of cot... and seems {fn WEEK(rcddate)} doesn't make the job !

There is a trick ? or I make something wrong ?

kind regards.

[#SQL](#) [#Caché](#)

Product version: Caché 2018.1

Source URL: <https://community.intersystems.com/post/cache-sql-and-group-clause>