Jointure Externe

CLIENT	NUMCL	••••
	CL1	
	CL2	
	CL3	
	CL4	

RESERVATION	IDV	DATEDEP	NUMCL	••••
	V1	D1	CL1	•••
	V2	D2	CL2	

RESULTAT	NUMCL	•••	IDV	DATEDEP	NUMCL	
	CL1		V1	D1	CL1	•••
	CL2		V2	D2	CL2	•••
	CL3		NULL	NULL	NULL	NULL
	CL4		NULL	NULL	NULL	NULL

Formulation algébrique

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ...

FROM CLIENT CL,

LEFT JOIN RESERVATION RE

ON CL.NUMCL = RE.NUMCL;

Formulation prédicative

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ...

FROM CLIENT CL, RESERVATION RE

WHERE CL.NUMCL = RE.NUMCL (+);

Jointure et sélection externe

Formulation algébrique

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ..

FROM CLIENT CL,

LEFT JOIN RESERVATION RE

ON CL.NUMCL = RE.NUMCL AND DATEDEP = 'D1';

Formulation prédicative

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ...

FROM CLIENT CL, RESERVATION RE

WHERE CL.NUMCL = RE.NUMCL (+)

AND DATEDEP (+) = 'D1';

RESULTAT	NUMCL		IDV	DATEDEP	NUMCL	•••
	CL1	•••	V1	D1	CL1	•••
	CL2		NULL	NULL	NULL	NULL
	CL3		NULL	NULL	NULL	NULL
	CL4		NULL	NULL	NULL	NULL

Expression de la négation avec la jointure externe

Formulation algébrique

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ...

FROM CLIENT CL,

LEFT JOIN RESERVATION RE

ON CL.NUMCL = RE.NUMCL

WHERE IDV IS NULL;

Formulation prédicative

SELECT CL.NUMCL, ..., IDV, DATEDEP, NUMCL, ...

FROM CLIENT CL, RESERVATION RE

WHERE CL.NUMCL = RE.NUMCL (+)

AND IDV IS NULL;

RESULTAT	NUMCL	•••	IDV	DATEDEP	NUMCL	•••
	CL3	:	NULL	NULL	NULL	NULL
	CL4		NULL	NULL	NULL	NULL