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' Y	/31	CIII	1 111	ic Suppoi		
	Tak		ntont		t & history)	
<b>_</b>	Tac		INTEREST	sys	sys	TRANS
т	YPE	SEGMENT	RATE	BEGIN	END	ID
	DEBIT	VIP	5,32	2011-09-21-15.10.00.549719	9999-12-31-24.00.00.000000	2011-09-21-15.10.00.549719
C	REDIT	VIP	1,03	2011-09-21-15.10.16.425539	9999-12-31-24.00.00.000000	2011-09-21-15.10.16.425539
						l
_		CUST	INTEREST	SYS	SYS	TRANS
	Let	's UPE	DATE t	the interest rate	2	
I	Let U	'S UPE	DATE 1 SYS_	t <mark>he interest rate</mark>	2	
	Let ਹ	's UPE PDATE SET	DATE	t <mark>he interest rate</mark> INTEREST_RATE REST_RATE = IN	TEREST RATE +	0.12
	Let U	's UPE PDATE SET WHERE	DATE SYS_ INTE TYPE	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT'	TEREST_RATE +	0.12
	Let ਹ	's UPE PDATE SET WHERE	DATE SYS_ INTE TYPE	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT'	TEREST_RATE +	0.12
	Let	's UPE PDATE SET WHERE AND	DATE SYS_ INTE TYPE CUST	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' _SEGMENT = 'VI	TEREST_RATE +	0.12
	Let Tab	's UPE PDATE SET WHERE AND	DATE 1 SYS_ INTE TYPE CUST	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' _SEGMENT = 'VI AFTER (current	e TEREST_RATE + P'; & history)	0.12
	Let U Tat	's UPE PDATE SET WHERE AND Ole CO	DATE SYS_ INTE TYPE CUST ntent	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' _SEGMENT = 'VI AFTER (current sys	e TEREST_RATE + P'; & history)	0.12 TRANS
	Let U Tal	's UPE PDATE SET WHERE AND Ole CO	DATE 1 SYS_ INTE TYPE CUST ntent INTEREST RATE	the interest rate INTEREST_RATE = IN = 'CREDIT' _SEGMENT = 'VI AFTER (current sys BEGIN	ETEREST_RATE + P'; & history)	0.12 TRANS
	Let U Tak	's UPE PDATE SET WHERE AND Ole CO CUST SEGMENT VIP	DATE SYS_ INTE TYPE CUST ntent INTEREST RATE 5,32	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' SEGMENT = 'VI AFTER (current SYS BEGIN 2011-09-21-15.10.00.549719	TEREST_RATE + P'; & history) SYS END 9999-12-31-24.00.00.000000	0.12 TRANS ID 2011-09-21-15.10.00.549719
		's UPE PDATE SET WHERE AND OLE COUST SEGMENT VIP VIP	DATE 1 SYS_ INTE: TYPE CUST INTEREST RATE 5,32 1,15	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' SEGMENT = 'VI AFTER (current SYS BEGIN 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958	TEREST_RATE + P'; & history) SYS END 9999-12-31-24.00.00.000000 9999-12-31-24.00.00.000000	0.12 TRANS ID 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958
		'S UPE PDATE SET WHERE AND OLE CO CUST SEGMENT VIP VIP VIP CUST	DATE 1 SYS_ INTE: TYPE CUST ntent INTEREST ATE 5,32 1,15	the interest rate INTEREST_RATE REST_RATE = IN = 'CREDIT' SEGMENT = 'VI AFTER (current SYS BEGIN 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958 SYS	TEREST_RATE + P'; & history) SYS END 9999-12-31-24.00.00.00000 9999-12-31-24.00.00.000000 SYS	0.12 TRANS ID 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958 TRANS
		'S UPE PDATE SET WHERE AND OLE COL SEGMENT VIP VIP CUST SEGMENT	SYS_ INTE TYPE CUST INTEREST RATE INTEREST RATE	the interest rate INTEREST_RATE = IN = 'CREDIT' _SEGMENT = 'VI AFTER (current SYS BEGIN 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958 SYS BEGIN	TEREST_RATE + P'; & history) SYS END 9999-12-31-24.00.00.000000 9999-12-31-24.00.00.000000 SYS END	0.12 TRANS ID 2011-09-21-15.10.00.549719 2011-09-21-15.56.26.342958 TRANS ID







	Period BEGIN TIME = BT	Period END TIME = ET
AS OF TSx	TSx >= BT	TSx < ET
FROM TSx TO TSy	Tsy > BT	Tsx < ET
BETWEEN TSx AND TSy	TSy >= BT	Tsx < ET



		CREATE ( TY , CU , IN , BU , BU , PE , PF	a dusiness- TABLE BUS_INT PE ST_SEGMENT TEREST_RATE S_BEGIN_DATE S_END_DATE <u>RIOD</u> <u>(BUS_BEG</u> IMARY KEY (TYP <u>BUSINESS</u> / Key definit	period temp EREST_RATE CHAR(6) NOT N CHAR(12) NOT DECIMAL(5,2) DATE NOT NULL DATE NOT NULL BUSINESS_TIME IN_DATE, BUS E, CUST_SEGME TIME WITHOUT	OTAL TA	DIE .L . <u>E)</u> . <u>PS</u> ));	
BUS INTE £ NTH TYPE 1 A				CUST_SEGMENT	2	A	
BUS_INTE_£_NTH TYPE 1 A   CUST_SEGMENT 2 A	CUST_SEGMENT 2 A			BUS_END_DATE	3	Α	С
BUS_INTE_£_NTH TYPE 1 A   CUST_SEGMENT 2 A A   BUS_END_DATE 3 A C	CUST_SEGMENT 2 A BUS_END_DATE 3 A C						





tempor scenari	al table os for s	es in DB system-	2, Part 2: Adv period tempo	vanced migr pral tables"	atic
	Existing solution records history?	Existing history is in a separate table?	No. of timestamp columns used for versioning?	Your period model?	Article
Scenario 0	No	N/A	None	None	Part 1
Scenario 1	Yes	Yes	Тwo	Inclusive-exclusive	Part 1
Scenario 2	Yes	No	Тwo	Inclusive-exclusive	Part 2
Scenario 3	Yes	No	One	Inclusive-exclusive	Part 2
Scenario 4	Yes	No	Two	Inclusive-inclusive	Part 2

CREATE TABLE employees_s2										
(en	npid	BIGIN	IT NOT	NULL,	rrent implementatio					
na	ime V	ARCHA	R(20),	, Cu	nent implementatio					
de	ptid	INTE	GER,							
sa	lary	DECI	MAL (7	,2),						
sy	stem	_begi	n TIM	ESTAMP(6) NOT NU	JLL DEFAULT					
-		-		Ct	JRRENT TIMESTAM					
SI	vstem	end	TTMES	TAMP (6) NOT NULT	DEFAULT					
sy	stem	_end TI	TIMES	TAMP(6) NOT NULI	DEFAULT					
sy PF	stem IMAR	_end TI Y KEY	TIMES MESTAN	TAMP(6) NOT NULI MP '9999-12-30 ( id, system begin	DEFAULT 00:00:00.000000					
s7 PF	ystem XIMAR	end TI Y KEY	TIMES' MESTAN (emp:	TAMP(6) NOT NULI MP '9999-12-30 ( id, system_begin	DEFAULT )0:00:00.000000 )) );					
sy PF empid	stem IMAR	end TI Y KEY	TIMES' MESTAN (emp: salary	TAMP(6) NOT NULI MP '9999-12-30 ( id, system_begin system_begin	DEFAULT 00:00:00.000000 a)); system_end					
sy PF <u>empid</u> 500	rstem RIMAR name Peter	end TI Y KEY deptid	TIMES MESTAN (emp: salary 4.000,00	TAMP (6) NOT NULI   MP '9999-12-30 (1) 0 0   id, system_begin 0   system_begin 0 0   2010-05-11 12:00:00.000000 0 0	DEFAULT 0:00:00.000000 )); <u>system_end</u> 2011-06-30 09:15:45.12345					
<b>S</b> <b>PF</b> <u>empid</u> 500 1000	RIMAR name Peter John	end TI Y KEY deptid	TIMES' MESTAN (emp: salary 4.000,00 5.000,00	TAMP (6) NOT NULI   MP '9999-12-30 0   id, system_begin   2010-05-11 12:00:00.000000   2010-05-11 12:00:00.000000	DEFAULT 0:00:00:00.00000 )); system_end 2011-06-30 09:15:45.12345 9999-12-30 00:00:00.00000					
<b>empid</b> 1000 1212	RIMAR name Peter John James	deptid	TIMES' MESTAI (emp: salary 4.000,00 5.000,00 4.000,00	TAMP (6) NOT NULI   MP '9999-12-30 (0 0 0   id, system_begin 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0	DEFAULT 0:00:00:00.00000 )); system_end 2011-06-30 09:15:45.12345 9999-12-30 00:00:00.00000 2011-05-11 09:30:00.10000					
empid 500 1212 1212	RIMAR Peter John James James	deptid	TIMES' MESTAI (emp salary 4.000,00 5.000,00 4.000,00 4.500,00	TAMP (6) NOT NULI   MP '9999-12-30 (0) 0 0   id, system_begin 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0   2010-05-11 12:00:00.000000 0 0	DEFAULT 0:00:00:00.00000 )); system_end 2011-06-30 09:15:45.12345 9999-12-30 00:00:00.00000 2011-05-11 09:30:00.10000 9999-12-30 00:00:00.00000					
empid 500 1000 1212 1212 4711	RIMAR Peter John James Maddy	deptid 1 1 1 1 2 1	TIMES' MESTAI (emp: salary 4.000,00 5.000,00 4.000,00 4.000,00	TAMP (6) NOT NULI   MP '9999-12-30 O   id, system_begin O   2010-05-11 12:00:00.000000 O   2010-05-11 12:00:00.000000 O   2010-05-11 12:00:00.000000 O   2010-05-11 10:00:00.000000 O   2010-05-11 12:00:00.000000 O   2011-05-11 09:30:00.100000 O   2010-05-11 12:00:00.000000 O	DEFAULT 0:00:00:00.00000 ); system_end 2011-06-30 09:15:45.12345( 9999-12-30 00:00:00.00000( 2011-05-11 09:30:00.10000( 9999-12-30 00:00:00.00000( 2011-07-30 09:25:47.12345(					























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em	ρια	name	deptid	salary	syste	em_begin	system_en	a . 100456
	500	Peter	1	4.000,00	2010-05-11	12:00:00.000000	2011-06-30 09:15:4	5.123456
1	000	Jonn	1	5.000,00	2010-05-11	12:00:00.000000	9999-12-30 00:00:0	0.000000
1	212	James	1	4.000,00	2010-05-11	12:00:00.000000	2011-05-11 09:30:0	0.100000
1	212 James		2	4.500,00	2011-05-11 09:30:00.100000		2011 07 20 00:00:00:00:000000	
4	4711 Maddy		1	4.000,00	2010-05-11 12:00:00.000000		2011-07-30 09:25:4	/.123456
4	4/11/10/addy			3.230,00	2011-07-30	05.25.47.125450	5555-12-30 00.00.0	0.000000
en	npi	d	syst	tem_beg	in	award_date	award_amour	nt awa
	50	0 201	0-05-11	12:00:00	0.000000	2011-03-01	40	00
	121	2 201	0-05-11	12:00:00	0.000000	2011-03-01	40	00

Pos	t-M	igrat	tion			employees_s			
empid	name	deptid	salary		system_begin		syste	em_end	
1000	John	1	5.000,00	2010-0	5-11 12:00:00.00	00000	9999-12-30 0	0:00:00.000000	
1212	James	2	4.500,00	2011-0	5-11 09:30:00.10	00000	9999-12-30 0	0:00:00.00000	
4711	Maddy	1	5.250,00	2011-0	7-30 09:25:47.12	23456	9999-12-30 0	0:00:00.000000	
empid	name	deptid	salary		system_begin		syst	em_end	
500	Peter	1	4.000,00	2010-0	5-11 12:00:00.0	00000	2011-06-30		
1212	James	1	4.000,00	2010-0	5-11 12:00:00.0	00000	2011-05-11	09:30:00.10000	
4711	Maddy	1	4.000,00	2010-0	5-11 12:00:00.0	00000	2011-07-30	09:25:47.12345	
empid		syster	n_begin		award_date	awar	d_amount	awards	
50	2010-	05-11 1	2:00:00.0	00000	2011-03-01		400		
1213	2 2010-	05-11 1	2:00:00.0	00000	2011-03-01		400		



		Existi soluti recor histor	ng Ea on histe ds se ry? t	xisting ory is in a parate able?	No. of timestamp columns used for versioning?	Your period	d model?	Article
Sce	Scenario 0 No				None	None		Part 1
Sce	Scenario 1 Yes				Тwo	Inclusive-e	xclusive	Part 1
Scenario 2 Yes			No		Тwo	Inclusive-e	Inclusive-exclusive	
Scenario 3 Yes			No		One	Inclusive-e	Inclusive-exclusive	
Scenario 4 Yes			No		wo Inclusive-in		lusive	Part 2
•	Sample	e data		<b>.</b>	and an and a second sec		-	-
	empia	name	aeptia	salary	system_b	egin	status	6
	500	Peter	1	4.000,0	2010-05-11 12:00	45.422456	н	
	1000	-	- 1	-	2011-00-30-09:15	:45.123450		
	1212	John		4.000,0	0 2010-05-11 12:00			
	1212 James			4.000,0	2010-03-11 12:00	00.000000	D.000000 H	
	1010	Lamore.	1 7					
	1212	James	2	4.500,0	0 2011-05-11 09:30	00.100000		_











