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Command . . . . . : CRTBNDRPG
  Issued by . . . . . : EVANS
Program . . . . . : MOB209ENC
  Library . . . . . : QTEMP
Text 'description' . . . . . : *SRCMBRTXT

Source Member . . . . . : MOB209ENC
Source File . . . . . : QRPGRSRC
  Library . . . . . : CEMOB
  CCSID . . . . . : 37
Text 'description' . . . . . : Move XSUSALTP to SUSALTP and add Encrypt the data
Last Change . . . . . : 06/14/07 11:47:19

Generation severity level . . . : 10
Default activation group . . . : *YES
Compiler options . . . . . :
    *XREF          *GEN          *NOSECLVL  *SHOWCPY
    *EXPDDS        *EXT          *NOSHOWSKP *NOSRCSTMT
    *DEBUGIO       *NOEVENTF

Debugging views . . . . . : *STMT
Output . . . . . : *PRINT
Optimization level . . . . . : *NONE
Source listing indentation . . . : *NONE
Type conversion options . . . : *NONE
Sort sequence . . . . . : *HEX
Language identifier . . . . . : *JOB RUN
Replace program . . . . . : *NO
User profile . . . . . : *USER
Authority . . . . . : *LIBCRTAUT
Truncate numeric . . . . . : *YES
Fix numeric . . . . . : *NONE
Target release . . . . . : *CURRENT
Allow null values . . . . . : *NO
Define condition names . . . . . : *NONE
Enable performance collection . . : *PEP
Profiling data . . . . . : *NOCOL
Licensed Internal Code options . :
Generate program interface . . . : *NO
Include directory . . . . . :
Preprocessor options . . . . . : *NONE
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Line	<----- Source Specifications ----->	<----- Comments ----->	Do	Page	Change	Src	Seq
Number	....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+....10		Num	Line	Date	Id	Number

## S o u r c e   L i s t i n g

1	H DatFmt(*iso)				021017		000100
2	H TimFmt(*hms:)				021015		000200
3	*	-----	*		021015		000300
4	* - Program Name : MOB209	-	*		030325		000400
5	* - Program Title : Move XSusMstP to SusMstP	-	*		030501		000500
6	* - Program Date : March 2003	-	*		030325		000600
7	* - Programmer : Steve Clark	-	*		021015		000700
8	* - User Requested : Per Jim Huslig	-	*		021015		000800
9	* - Program Desc. :	-	*		021022		000900
10	* -	-	*		021015		001000
11	* -	-	*		021022		001100
12	* -	-	*		021022		001200
13	* -----	*			021015		001300
14					021015		001400
15	*	-----	*		021015		001500
16	* - Modification Date : September 15th 2004	-	*		040915		001600
17	* - Modification By : Steve Clark		*		040915		001700
18	* - Modification Tag : SLC01		*		040915		001800
19	* - Modification Reason : New Fields added to the New Business Down	-	*		040915		001900
20	* - : load file for maintnenence	-	*		040915		002000
21	* - Modification Descr. : Fields SeFlag - (N)ew or (U)pdate Flag	-	*		040915		002100
22	* - : SeCnl - Loan Cancelation Date	-	*		040915		002200
23	* - : SeCnlL - Life Cancelation Date	-	*		040915		002300
24	* - : SeCnlD - A&H Cancelation Date	-	*		040915		002400
25	* -		*		021015		002500
26	* -----	*			021015		002600
27					070410		002700
28	*	-----	*		070410		002800
29	* - Modification Date : April 10th 2007	-	*		070410		002900
30	* - Modification By : Steve Clark		*		070410		003000
31	* - Modification Tag : SLC02		*		070410		003100
32	* - Modification Reason : Credit Cards Encryption Added	-	*		070410		003200
33	* - :	-	*		070410		003300
34	* - Modification Descr. : Four Point is goinf to Start passing Credit	*			070410		003400
35	* - card data in encrypted form. This program	-	*		070410		003500
36	* - will take that encrypted data and store it	-	*		070410		003600
37	* - in the CCMSTRP file without unencrypting it	-	*		070410		003700
38	* - This way it does not have to go through	-	*		070410		003800
39	* - normal processing. No chance of it being	-	*		070410		003900
40	* - intercepted or changed.	-	*		070410		004000
41	* -	-	*		070410		004100
42	* -----	*			070410		004200
43					021015		004300

Line	<----- Source Specifications ----->										<----- Comments ----->	Do	Page	Change	Src	Seq		
Number	....1....	....2....	....3....	....4....	....5....	....6....	....7....	....8....	....9....	....10	Num	Line	Date	Id	Number			
44	*	-----										*				021015		004500
45	*	-	File Specification Section									-	*		021015		004600	
46	*	-----										*			021015		004700	
47	FXSusAltP	UF	E	Disk											070612		004800	
	*	-----										*						
	*			RPG name			External name					*						
	*	File name.		XSUSALTP			CEMOB/XSUSALTP					*						
	*	Record format(s)		SUSALTR			SUSALTR					*						
	*	-----										*						
48	FCcMstrL1	UF	A E	K Disk									SLC02	070410		004900		
49														021022		005000		
50														021015		005100		

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
51	*-----	*-----			021015		005300
52	* - Data Structure Specifications	- *			021015		005400
53	*-----	*-----			021015		005500
54	** System Defined Data Structure				021015		005600
55					021015		005700
	*-----	*-----					
	* File name. . . . . : CCMSTRL1	External name CEMOB/CCMSTRL1					
	* Record format(s) . . . . : CCMSTRR	CCMSTRR					
	*-----	*-----					
56	D SDS				021015		005800
57	D PgmNam 1 10				021015		005900
58	D NParms 37 39 0				021015		006000
59	D LibNam 81 90				021015		006100
60	D WsId 244 253				021015		006200
61	D UserId 254 263				021015		006300
62	D JobNbr 264 269 0				021015		006400
63	D JobDte 270 275 0				021015		006500
64	D SyDte 276 281 0				021015		006600
65	D JobTme 282 287 0				021015		006700
66	D CmpDte 288 293 0				021015		006800
67	D CmpTme 294 299 0				021015		006900
68	D CmpLvl 300 303				021015		007000
69	D SrcFil 304 313				021015		007100
70	D SrcLib 314 323				021015		007200
71	D SrcMbr 324 333				021015		007300
72					021015		007400
73					021015		007500
74	** Current System Date				021015		007600
75	D DS				021015		007700
76	D SysHH 1 2 0				021015		007800
77	D SysMN 3 4 0				021015		007900
78	D SysSS 5 6 0				021015		008000
79	D SysTme 1 6 0				021015		008100
80					021015		008200
81	D SysMM 7 8 0				021015		008300
82	D SysDD 9 10 0				021015		008400
83	D SysCC 11 12 0				021015		008500
84	D SysYY 13 14 0				021015		008600
85	D SysCY 11 14 0				021015		008700
86	D SysDat 7 14 0				021015		008800
87	D SysDate 1 14 0				021016		008900
88					070614		009000
89	* Encryption Program Parameters				070614		009100
90	D Parm1 S 10A	Definiton Key			070614		009200
91	D Parm2 S 20A	Input Field			070614		009300
92	D Parm3 S 15S 0	Field Length			070614		009400
93	D Parm4 S 15S 0	Record ID			070614		009500
94	D Parm5 S 20A	Output Field			070614		009600
95	D Parm6 S 15S 0	Reply Code			070614		009700
96	D Parm7 S 10A	Calling Program			070614		009800
97	D Parm8 S 10A	Calling Library			070614		009900
98	D Parm9 S 10A	User ID			070614		010000
99					070614		010100

Line	<----- Source Specifications ----->	<----- Comments ----->	Do	Page	Change	Src	Seq
Number	....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10	Num	Line	Date	Id	Number	
100	* Define Program Variables			021018		010200	
101	D NullDate S D			021015		010300	
102	D SysDte S 8S 0			021022		010400	
103	D SystemDate S D			021022		010500	
104	D Salt# S 15S 0			070614		010600	
105				030618		010700	
106				021015		010800	

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
107	*	*			021015		011000
108	* - Mainline Calculation Sections	- *			021015		011100
109	*	*			021015		011200
110					021015		011300
111					070530		011400
112=ISUSALTR							1000001
	*-----*						1
	* RPG record format . . . . : SUSALTR	*					1
	* External format . . . . : SUSALTR : CEMOB/XSUSALTP	*					1
	*-----*						1
113=I	A 1 10 SAAGNT	Agent Number ID					1000002
114=I	A 11 30 SACERT	Certificate Number					1000003
115=I	A 31 50 SACCRD	Secure Data					1000004
116=ICCMSTRR							2000001
	*-----*						2
	* RPG record format . . . . : CCMSTRR	*					2
	* External format . . . . : CCMSTRR : CEMOB/CCMSTRL1	*					2
	*-----*						2
117=I	A 1 10 CCAGNT	Agent Number ID					2000002
118=I	A 11 30 CCCERT	Certificate Number					2000003
119=I	P 31 38 OCCREC	Salt Number					2000004
120=I	A 39 58 CCTYPE	CC Type					2000005
121=I	A 59 62 CCFOUR	CC Final Four					2000006
122=I	S 63 70 CCCEXP	CC Expiration Date					2000007
123=I	A 71 73 CCSEC3	CC Security Code3					2000008
124=I	A 74 77 CCSEC4	CC Security Code4					2000009
125=I	A 78 141 CCNBR	Credit Card Nbr					2000010
126 C	Read XSusAltP	----	01		070612		011500
127 C	Dow *In01 = *Off			B01	030325		011600
128 C	ExSr \$Salt#			01	070614		011700
129 C	ExSr \$Encrypt			01	070530		011800
130 C	ExSr \$CCMstrl1			01	070410		011900
131 C	ExSr \$Delete			01	070530		012000
132 C	Read XSusAltP	----	01		070612		012100
133 C	EndDo			E01	030325		012200
134 C	ExSr \$EndPgm				030326		012300
135					030326		012400
136					021015		012500

Line	<----- Source Specifications ----->					<----- Comments ----->	Do	Page	Change	Src	Seq				
Number	1	2	3	4	5	6	7	8	9	10	Num	Line	Date	Id	Number
137	*						*		SLC02	070410					012700
138	*	-	Which Encryption Seed to Use				-	*	SLC02	070614					012800
139	*						*		SLC02	070410					012900
140	C	\$Salt#	BegSr						SLC02	070614					013000
141	C		Add	1		Salt#				070614					013100
142	C		EndSr							070614					013200
143										070614					013300
144										070614					013400

Line	Source Specifications					Comments	Do	Page	Change	Src	Seq				
Number	1	2	3	4	5	6	7	8	9	10	Num	Line	Date	Id	Number
145	*						*		SLC02	070614					013600
146	*	-	Encryption Subroutine			-	*		SLC02	070614					013700
147	*						*		SLC02	070614					013800
148	C	\$Encrypt	BegSr						SLC02	070614					013900
149	C		Eval	Parm1	=	'CEMOB	'			070614					014000
150	C		Eval	Parm2	=	*Blanks				070614					014100
151	C		Eval	Parm2	=	SaCCrd				070614					014200
152	C		Eval	Parm3	=	20				070614					014300
153	C		Eval	Parm4	=	Salt#				070614					014400
154	C		Eval	Parm5	=	*Blanks				070614					014500
155	C		Eval	Parm6	=	0				070614					014600
156	C		Eval	Parm7	=	PgmNam				070614					014700
157	C		Eval	Parm8	=	LibNam				070614					014800
158	C		Eval	Parm9	=	UserID				070614					014900
159										070614					015000
160	C		Call	'\$ENCRYPT'						070614					015100
161	C		Parm			Parm1				070614					015200
162	C		Parm			Parm2				070614					015300
163	C		Parm			Parm3				070614					015400
164	C		Parm			Parm4				070614					015500
165	C		Parm			Parm5				070614					015600
166	C		Parm			Parm6				070614					015700
167	C		Parm			Parm7				070614					015800
168	C		Parm			Parm8				070614					015900
169	C		Parm			Parm9				070614					016000
170										070614					016100
171	C		If	Parm5	=	*Blanks		B01		070614					016200
172	C		Eval	Parm5	=	SaCCrd		01		070614					016300
173	C		EndIf					E01		070614					016400
174										070614					016500
175	C		EndSr						SLC02	070614					016600
176										070530					016700
177										070530					016800



Line Number	Source Specifications					Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
178	*						*	SLC02	070530		017000
179	*	- Add encrypted data to the Credit Card Master File					- *	SLC02	070530		017100
180	*						*	SLC02	070530		017200
181	C	\$CcMstrL1	BegSr					SLC02	070530		017300
182									070614		017400
183	C	Key02	Chain	CcMstrL1		02----		SLC02	070530		017500
184	C		Eval	CcAgnt	= SaAgnt			SLC02	070614		017600
185	C		Eval	CcCert	= SaCert			SLC02	070614		017700
186	C		Eval	CcRec	= Salt#			SLC02	070614		017800
187	C		Eval	CcType	= *Blanks			SLC02	070530		017900
188	C		Eval	CcFour	= *Blanks			SLC02	070530		018000
189	C		Eval	CcExpr	= *Zero			SLC02	070530		018100
190	C		Eval	CcSec3	= *Blanks			SLC02	070530		018200
191	C		Eval	CcSec4	= *Blanks			SLC02	070530		018300
192	C		Eval	CcNbr	= Parm5			SLC02	070614		018400
193	C		If	*In02	= *Off		B01	SLC02	070530		018500
194	C		Update	CcMstrR			01	SLC02	070530		018600
195	C		Else				X01	SLC02	070530		018700
196	C		Write	CcMstrR			01	SLC02	070530		018800
197	C		EndIf				E01	SLC02	070530		018900
198	C		EndSr					SLC02	070530		019000
199									070410		019100
200									070410		019200

Line	Source Specifications								Comments	Do	Page	Change	Src	Seq		
Number	1	2	3	4	5	6	7	8	9	10	Num	Line	Date	Id	Number	
201	*									*		SLC02	070530			019400
202	*	Delete the Transfer Record for Security Reasons								-	*	SLC02	070530			019500
203	*									*		SLC02	070530			019600
204	C	\$Delete	BegSr								SLC02	070530			019700	
205	C		Delete	SusAltr									070614			019800
206	C		EndSr								SLC02	070530			019900	
207													070530			020000
208													070530			020100

Line	<----- Source Specifications ----->	<----- Comments ----->	Do	Page	Change	Src	Seq
Number	....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10	Num	Line	Date	Id	Number	
209	*			070410		020300	
210	* - End Subroutine or Last Record Subroutine	-	*	070410		020400	
211	*		*	070410		020500	
212	C \$EndPgm BegSr			070410		020600	
213	C SetOn	LR----		070410		020700	
214	C ReTurn			070410		020800	
215	C EndSr			070410		020900	
216				050429		021000	
217				021015		021100	

Line	Source Specifications	Comments	Do	Page	Change	Src	Seq
Number	1...2...3...4...5...6...7...8...9...10	Num	Line	Date	Id	Number	
218	*	*		021015		021300	
219	* - Intialization Subroutine	- *		021015		021400	
220	*	*		021015		021500	
221	C *InzSr BegSr			021015		021600	
222				021018		021700	
223	* Get System Date From the Time Statement Then Convert it to CCYYMMDD			021015		021800	
224	C Time SysDate			021015		021900	
225	C 10000.0001 Mult SysDat SysDte			021016		022000	
226	C Move '0001-01-01' NullDate			021017		022100	
227				030326		022200	
228				030326		022300	
229	*	*		030326		022400	
230	* - List the Keys to the Files Used in this Program	- *		030326		022500	
231	*	*		030326		022600	
232	C Key02 Klist			030326		022700	
233	C Kfld SaAgnt			070614		022800	
234	C Kfld SaCert			070614		022900	
235				030326		023000	
236	C EndSr			021015		023100	
237	=OCCMSTRR					3000001	
	*	*				3	
	* RPG record format . . . . : CCMSTRR	*				3	
	* External format . . . . : CCMSTRR : CEMOB/CCMSTRL1	*				3	
	*	*				3	
238	=O CCAGNT 10A CHAR 10	Agent Number ID				3000002	
239	=O CCCERT 30A CHAR 20	Certificate Number				3000003	
240	=O CCREC 38P PACK 15,0	Salt Number				3000004	
241	=O CCTYPE 58A CHAR 20	CC Type				3000005	
242	=O CCFOUR 62A CHAR 4	CC Final Four				3000006	
243	=O CCEXPR 70S ZONE 8,0	CC Expiration Date				3000007	
244	=O CCSEC3 73A CHAR 3	CC Security Code3				3000008	
245	=O CCSEC4 77A CHAR 4	CC Security Code4				3000009	
246	=O CCNBR 141A CHAR 64	Credit Card Nbr				3000010	
	* * * * *						
	E N D O F S O U R C E						
	* * * * *						

A d d i t i o n a l D i a g n o s t i c M e s s a g e s

Msg id Sv Number Seq Message text

\* \* \* \* \* E N D O F A D D I T I O N A L D I A G N O S T I C M E S S A G E S \* \* \* \* \*

O u t p u t B u f f e r P o s i t i o n s

Line Start End Field or Constant

Number	Pos	Pos	
238	1	10	CCAGNT
239	11	30	CCCERT
240	31	38	CCREC
241	39	58	CCTYPE
242	59	62	CCFOUR
243	63	70	CCEXP
244	71	73	CCSEC3
245	74	77	CCSEC4
246	78	141	CCNBR
238	1	10	CCAGNT
239	11	30	CCCERT
240	31	38	CCREC
241	39	58	CCTYPE
242	59	62	CCFOUR
243	63	70	CCEXP
244	71	73	CCSEC3
245	74	77	CCSEC4
246	78	141	CCNBR

\* \* \* \* \* E N D O F O U T P U T B U F F E R P O S I T I O N \* \* \* \* \*

Key Field Information

File	Internal	External	
Record	field name	field name	Attributes
2 CCMSTRL1			
CCMSTRR			
	CCAGNT	CHAR	10
	CCCERT	CHAR	20

\* \* \* \* \* E N D O F K E Y F I E L D I N F O R M A T I O N \* \* \* \* \*

## C r o s s R e f e r e n c e

## File and Record References:

File Record	Device	References (D=Defined)
CCMSTRL1	DISK	48D 183
CCMSTRR		48D 116 194 196
		237
XSUSALTP	DISK	47D 126 132
SUSALTR		47D 112 205

## Global Field References:

Field	Attributes	References (D=Defined M=Modified)
\$CCMSTRL1	BEGSR	130 181D
\$DELETE	BEGSR	131 204D
\$ENCRYPT	BEGSR	129 148D
\$ENDPGM	BEGSR	134 212D
\$SALT#	BEGSR	128 140D
*INZSR	BEGSR	221D
*IN01	N(1)	127
*IN02	N(1)	193
CCAGNT	A(10)	117M 184M 238
CCCERT	A(20)	118M 185M 239
CCEXP	P(8,0)	122M 189M 243
CCFOUR	A(4)	121M 188M 242
CCNBR	A(64)	125M 192M 246
CCREC	P(15,0)	119M 186M 240
CCSEC3	A(3)	123M 190M 244
CCSEC4	A(4)	124M 191M 245
CCTYPE	A(20)	120M 187M 241
*RNF7031 CMPDTE	S(6,0)	66D
*RNF7031 CMPLVL	A(4)	68D
*RNF7031 CMPTME	S(6,0)	67D
*RNF7031 JOBDTE	S(6,0)	63D
*RNF7031 JOBNBR	S(6,0)	62D
*RNF7031 JOBTME	S(6,0)	65D
KEY02	KLIST	183 232D
LIBNAM	A(10)	59D 157
*RNF7031 NPARMS	S(3,0)	58D
NULLDATE	D(10*ISO-)	101D 226M
PARM1	A(10)	90D 149M 161M
PARM2	A(20)	91D 150M 151M 162M
PARM3	S(15,0)	92D 152M 163M
PARM4	S(15,0)	93D 153M 164M
PARM5	A(20)	94D 154M 165M 171
		172M 192
PARM6	S(15,0)	95D 155M 166M
PARM7	A(10)	96D 156M 167M
PARM8	A(10)	97D 157M 168M
PARM9	A(10)	98D 158M 169M
PGMNAM	A(10)	57D 156
SAAGNT	A(10)	113D 184 233
SACCRD	A(20)	115D 151 172
SACERT	A(20)	114D 185 234
SALT#	S(15,0)	104D 141M 153 186
*RNF7031 SRCFIL	A(10)	69D

5722WDS	V5R4M0	060210	RN	IBM ILE RPG	QTEMP/MOB209ENC	IACI5A	09/18/13 15:31:41	Page	16
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*RNF7031	SRCLIB	A(10)	70D	
*RNF7031	SRCMBR	A(10)	71D	
*RNF7031	SYDTE	S(6,0)	64D	
*RNF7031	SYSCC	S(2,0)	83D	
*RNF7031	SYSCY	S(4,0)	85D	
	SYSDAT	S(8,0)	86D	225
	SYSDATE	S(14,0)	87D	224M
*RNF7031	SYSDD	S(2,0)	82D	
	SYSDTE	S(8,0)	102D	225M
*RNF7031	SYSHH	S(2,0)	76D	
*RNF7031	SYSHH	S(2,0)	81D	
*RNF7031	SYSMN	S(2,0)	77D	
*RNF7031	SYSSS	S(2,0)	78D	
*RNF7031	SYSTEMDATE	D(10*ISO-)	103D	
*RNF7031	SYSTEME	S(6,0)	79D	
*RNF7031	SYSY	S(2,0)	84D	
	USERID	A(10)	61D	158
*RNF7031	WSID	A(10)	60D	

Indicator References:

Indicator	References (D=Defined M=Modified)
01	126D 127 132D
02	183D 193
LR	213D

\* \* \* \* \* E N D O F C R O S S R E F E R E N C E \* \* \* \* \*



E x t e r n a l   R e f e r e n c e s

Statically bound procedures:

Procedure	References
No references in the source.	

Imported fields:

Field	Attributes	Defined
No references in the source.		

Exported fields:

Field	Attributes	Defined
No references in the source.		

\* \* \* \* \*   E N D   O F   E X T E R N A L   R E F E R E N C E S   \* \* \* \* \*

## M e s s a g e S u m m a r y

Msg id Sv Number Message text

\*RNF7031 00 22 The name or indicator is not referenced.

\* \* \* \* \* E N D O F M E S S A G E S U M M A R Y \* \* \* \* \*

## F i n a l S u m m a r y

## Message Totals:

Information (00)	. . . . .	:	22
Warning (10)	. . . . .	:	0
Error (20)	. . . . .	:	0
Severe Error (30+)	. . . . .	:	0
-----			
Total . . . . .		:	22

## Source Totals:

Records . . . . .	:	246
Specifications . . . . .	:	138
Data records . . . . .	:	0
Comments . . . . .	:	73

\* \* \* \* \* E N D O F F I N A L S U M M A R Y \* \* \* \* \*

Program MOB209ENC placed in library QTEMP. 00 highest severity. Created on 09/18/13 at 15:31:41.

\* \* \* \* \* E N D O F C O M P I L A T I O N \* \* \* \* \*