

# PASERIE (V1ROM2)

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## Utility for Source-Level Distribution in IBM i

This utility helps you maintain your IBM i source code on GitHub. Once available on a target system the utility allows you to install your packages in a very simple way, directly accessing your repositories on GitHub or the repositories of other developers that authorized you.

The **Basic Edition** provides **PASERIE/INSTALL** command and a very simple mechanism to locally register your GitHub's *Personal Access Token* so that you will be not required to pass it with every request.

This specific routine is implemented as an exit program that can be customized to your organization's specific needs by restoring the CL source of the **PASERIE/GETPAT** program (*Retrieve Personal access token*).

The initial program performs a simple **RTVDTAARA** over a data area named *GETTOKEN*, expected to exist in PASERIE library.

Note: One suggestion could be to create a file of authorised users where programmers' tokens are kept in an encrypted column so that the current user's token is returned when invoked.

The **Developer Edition** includes other tools like **PASERIE/INSTALLOC** and **PASERIE/LIBCLONE**.

The *Basic and Developer Editions* will check for a valid IBM i license key before providing their services. The **Developer Edition** includes a kit of **10** Basic Edition license keys that will be generated for the developer to register on her/his customers' systems.

## PARAMETERS

KWD	INSTALL	INSTALLOC	LIBCLONE
REPO_OWNER	yes		
REPOSITORY	yes		
YOURGITPAT	yes		
SRCLIB			yes
LOCALPATH		yes	yes
TGTLIB	yes	yes	
TGTRLS	yes	yes	
DEVOPT	yes	yes	yes
LOGOUTPUT	yes	yes	yes
VERBOSE	yes	yes	yes

## THE NAME

pastry ==> *pâ-tis-se-rie* ==> **PASERIE**

## FUTURE DEVELOPMENTS

To support product packaging with traditional IBM i Software Product APIs. At least I would like to support RSTLICPGM but the objective is to include license key generation, too.

```
CRTPRDDFN PRDDFN(PASERIE/PRDDFN1)
      PRDID(1PSRIE1)
      RLS(V1R0M5)
      RGSID(*PHONE 00393408696240)
      MSGF(PSRMSGF)
      PRDOPT((*BASE PSR000A *NODYNNAM (2924 2932))
              (1 PSR000B *NODYNNAM (*BASEOPT) 5002)
              (2 PSR000C *NODYNNAM (*BASEOPT) 5003))
      CPYRGTFST(2023)
      RLSDATE('23/03/2023')
      TEXT('Product Definition')
      AUT(*USE)
```

CALL QCMD

CRTPRDDFN PRDDFN(PASERIE/PRDDFN1) PRDID(1PSRIE1) RLS(V1R0M5) RGSID(\*PHONE 00393408696240) MSGF(PSRMSGF) PRDOPT((\*BASE PSR000A \*NODYNNAM (2924 2932)) (1 PSR000B \*NODYNNAM (\*BASEOPT) 5002) (2 PSR000C \*NODYNNAM (\*BASEOPT) 5003)) CPYRGTFST(2023) RLSDATE('23/03/2023') TEXT('Product Definition') AUT(\*USE)

SPAZIO-							
000000	000005B7	40404040	40404040	40404040	40404040	40404040	
40404040	40404040	*	$\frac{1}{4}$		*		
000020	40404040	40404040	40404040	40404040	40404040	40404040	
40404040	40404040	*			*		
	RIGHE	000040	A	0000FF	COME	SOPRA	
000100	D7C4D640	F1F10000	00F1D7E2	D9C9C5F1	40404040	40404040	
40404040	F0F0F0F1	*PD0 11	1PSRIE1		0001*		
000120	F0F0F0F5	00000000	40404040	40404040	40404040	40404040	
40404040	40404040	*0005			*		
000140	40404040	40404040	40404040	40404040	40404040	40404040	
40404040	40404040	*			*		
000160	40404040	40404040	40404040	40404040	40404040	40404040	
40404040	40404040	*			*		
000180	40404040	40404040	40400000	00000000	00000000	02500000	
0000F0F0	F0F1F0F2	*		&	000102*		
0001A0	F0F00000	00000000	00000000	00000000	0000D7D9	C4C4C6D5	
F1404040	00000000	*00		PRDDFN1	*		
0001C0	0000D7C1	E2C5D9C9	C5404040	00000000	0000F2F3	F0F3F2F3	
F2F0F2F3	F2F0F2F3	*	PASERIE	23032320232023*			
0001E0	D7E2D9D4	E2C7C640	40400000	00000000	0E030000	D7C1E2C5	
D9C9C540	40400000	*PSRMSGF		PASERIE	*		
000200	00000000	F0F2F0F0	F3F9F3F4	F0F8F6F9	F6F2F4F0	40404040	

```

40404040 40404040 * 0200393408696240 *
000220 40404040 00004040 40404040 40404040 40404040 40000000
00D5F100 00000000 * N1 *
000240 00000000 00000000 00000000 00000000 00000000 00000367
00000009 00000003 * Å *
000260 0000005F 00404000 D5000000 5CD4C1E3 C3C80000 F1F1F0F1
D7E2D9C9 C5F1F5F0 * ^ N *MATCH 1101PSRIE150*
000280 F0F1F0F0 F0F0D7C1 E2C5D9C9 C5404040 4040D7E2 D9F0F0F0
C1000000 000000A0 *010000PASERIE PSR000A μ*
0002A0 40404040 40404040 40400000 00000000 40404040 40404040
40404040 40404000 * *
0002C0 00005F00 404000D5 0000005C D4C1E3C3 C80000F3 F1F0F1D7
E2D9C9C5 F1F2F9F2 * ^ N *MATCH 3101PSRIE1292*
0002E0 F4F0F0F0 F0D7C1E2 C5D9C9C5 40404040 40D7E2D9 F0F0F0C1
00000000 0000A040 *40000PASERIE PSR000A μ *
0002E0 F4F0F0F0 F0D7C1E2 C5D9C9C5 40404040 40D7E2D9 F0F0F0C1
00000000 0000A040 *40000PASERIE PSR000A μ *
000300 40404040 40404040 40000000 00000040 40404040 40404040
40404040 40400000 * *
000320 005F0040 4000D500 00005CD4 C1E3C3C8 0000F3F1 F0F1D7E2
D9C9C5F1 F2F9F3F2 * ^ N *MATCH 3101PSRIE12932*
000340 F0F0F0F0 D7C1E2C5 D9C9C540 40404040 D7E2D9F0 F0F0C100
00000000 00A04040 *0000PASERIE PSR000A μ *
000360 40404040 40404040 00000000 00004040 40404040 40404040
40404040 40000000 * *
000380 5F004040 00D50000 005CD4C1 E3C3C800 00F1F3F0 F1D7E2D9
C9C5F1F5 F0F0F2F0 *^ N *MATCH 1301PSRIE150020*
0003A0 F0F0F1D7 C1E2C5D9 C9C54040 404040D7 E2D9F0F0 F0C20000
00000000 A0404040 *001PASERIE PSR000B μ *
0003C0 40404040 40404000 00000000 00404040 40404040 40404040
40404040 0000005F * ^*
0003E0 00404000 D5000000 5CD4C1E3 C3C80000 F3F3F0F1 D7E2D9C9
C5F1F2F9 F2F4F0F0 * N *MATCH 3301PSRIE1292400*
000400 F0F1D7C1 E2C5D9C9 C5404040 4040D7E2 D9F0F0F0 C2000000
000000A0 40404040 *01PASERIE PSR000B μ *
000420 40404040 40400000 00000000 40404040 40404040 40404040
40404000 00005F00 * ^ *
000440 404000D5 0000005C D4C1E3C3 C80000F3 F3F0F1D7 E2D9C9C5
F1F2F9F3 F2F0F0F0 * N *MATCH 3301PSRIE12932000*
000460 F1D7C1E2 C5D9C9C5 40404040 40D7E2D9 F0F0F0C2 00000000
0000A040 40404040 *1PASERIE PSR000B μ *
000480 40404040 40000000 00000040 40404040 40404040 40404040
40400000 005F0040 * ^ *
0004A0 4000D500 00005CD4 C1E3C3C8 0000F1F3 F0F1D7E2 D9C9C5F1
F5F0F0F3 F0F0F0F2 * N *MATCH 1301PSRIE150030002*
0004C0 D7C1E2C5 D9C9C540 40404040 D7E2D9F0 F0F0C300 00000000
00A04040 40404040 *PASERIE PSR000C μ *
0004E0 40404040 00000000 00004040 40404040 40404040 40404040
40000000 5F004040 * ^ *
000500 00D50000 005CD4C1 E3C3C800 00F3F3F0 F1D7E2D9 C9C5F1F2
F9F2F4F0 F0F0F2D7 * N *MATCH 3301PSRIE129240002P*
000520 C1E2C5D9 C9C54040 404040D7 E2D9F0F0 F0C30000 00000000
A0404040 40404040 *ASERIE PSR000C μ *
000540 40404000 00000000 00404040 40404040 40404040 40404040

```

```
0000005F 00404000 * ^ *
000560 D5000000 5CD4C1E3 C3C80000 F3F3F0F1 D7E2D9C9 C5F1F2F9 F3F2F0F0
F0F2D7C1 *N *MATCH 3301PSRIE129320002PA*
000580 E2C5D9C9 C5404040 4040D7E2 D9F0F0F0 C3000000 000000A0
40404040 40404040 *SERIE PSR000C μ *
0005A0 40400000 00000000 40404040 40404040 40404040 40404000
00000000 00000000 * *
0005C0 00000000 00000000 00000000 00000000 00000000 00000000
00000000 00000000 * *
RIGHE 0005E0 A 001FFF COME SOPRA
.PUNTATORI-
NESSUNO
DATI OIR-
.TESTO-
000000 D7999684 A483A340 C4858689 9589A389 96954040 40404040
40404040 40404040 *Product Definition *
000020 40404040 40404040 40404040 40404040 4040
* *
.SERVIZIO-
000000 40404040 40404040 40404040 40404040 40404040 40F14040
40404040 40404040 * 1 *
000020 40404040 40404040 404040E5 F7D9F3D4 F0F1F2F3 F0F2F2F7
F1F0F2F4 F3F74040 * V7R3M01230227102437 *
000040 40404040 40404040 40404040 40404040 40404040 40404040
40404040 40404040 * *
000060 40404040 40404040 40404040 40404040 40404040 40404040
00000000 00000000 * *
000080 00000000 00000000 00000000 00000000 00000000 00000000
40400000 00000000 * *
0000A0 00000000 00000000
* *
.UTILIZZO-
000000 C1D5C4D9 C5E6D9C9 C25BE2F0 F6F4F5C4 F8D90000 00000000 0000
*ANDREWTRIB$S0645D8R *
```