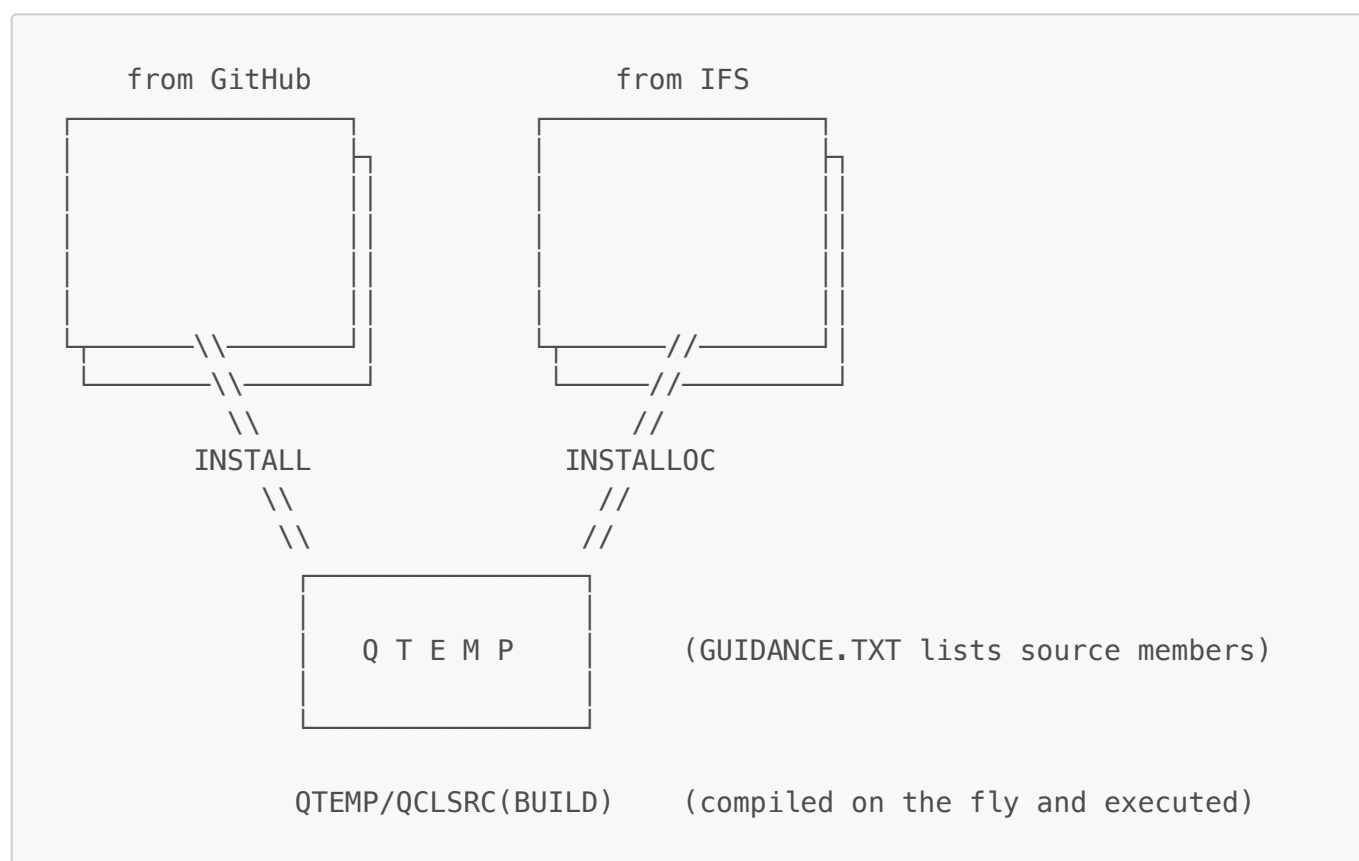# PASERIE (V1R0M8)

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 suite provides three tools:

- **PASERIE/INSTALL** the main command focusing on the installation phase of an already developed and GitHub-released package.
- **PASERIE/INSTALLOC** the command used in the development phase to test the installation of a package (planned to be released on GitHub or not) directly from a directory in the IFS.
- **PASERIE/LIBCLONE** the command used to jump-start the packaging (consistently with PASERIE tools' conventions) from an existing native library.

```
     from GitHub                      from IFS

    ┌──────────────┐┐               ┌──────────────┐┐
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          INSTALL                         INSTALLOC
            \\                               //
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              ││                ││
              ││  Q T E M P     ││    (GUIDANCE.TXT lists source members)
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              │└────────────────┘│
              └──────────────────┘

              QTEMP/QCLSRC(BUILD)    (compiled on the fly and executed)
```

INSTALLATION

Let's first create an empty SAVEFILE named `QGPL/PASERIE`. Then, from `CALL QP2TERM`, we verify to have **curl** installed:

```
   $
 > PATH=/QOpenSys/pkgs/bin:$PATH
   $
 > export PATH
```

```
    $
 > which curl
   /QOpenSys/pkgs/bin/curl
```

By means of curl we download 2 archives:

```
curl -o PaseOssFloating.tar \
      https://www.andrearibuoli.it/paserie/PaseOssFloating.tar
```

```
curl -o /QSYS.LIB/QGPL.LIB/PASERIE.FILE \
      https://www.andrearibuoli.it/paserie/PASERIE.SAVF
```

From the home path of the user that will be using **PASERIE/INSTALL** we install **PaseOss** folder by untarring *PaseOssFloating* tar file:

```
tar xvf PaseOssFloating.tar
```

Now, closed the QP2TERM session, we can perform the RSTLIB for PASERIE.

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

```
            PASERIE Installer      V1R0M2 (INSTALL)

Type choices, press Enter.

GitHub repository owner  . . . . REPO_OWNER      █_____

Repository . . . . . . . . . . REPOSITORY       _____
GitHub personal access token . . YOURGITPAT

Target library . . . . . . . . . TGTLIB          *REPOSITORY
Target release . . . . . . . . . TGTRLS          *CURRENT____

                    Additional Parameters

Developemnt option . . . . . . . DEVOPT          N
Job lob output . . . . . . . . . LOGOUTPUT       *PND_____
Verbose  . . . . . . . . . . . . VERBOSE         N

                                                           Bottom
```

```
          PASERIE Local Installer V1R0M2 (INSTALLOC)

Type choices, press Enter.

Project directory  . . . . . . .      █_____

_____
Target library . . . . . . . . .     *LOCAL_PATH   Character value, *LOCAL_PATH
Target release . . . . . . . . .     *CURRENT____   Character value, *CURRENT...

                    Additional Parameters

Developemnt option . . . . . . .     N            Character value
Job lob output . . . . . . . . .     *PND_____  Character value, *SAME...
Verbose  . . . . . . . . . . . .     N            Character value

                                                           Bottom
```

```
              PASERIE Library Clone    V1R0M2 (LIBCLONE)

Type choices, press Enter.

Source library . . . . . . . . . SRCLIB          ▐
Target project directory . . . . LOCAL_PATH       *SRCLIB


_____


                       Additional Parameters

Developemnt option . . . . . . . DEVOPT           N
Job lob output . . . . . . . . . LOGOUTPUT        *PND
Verbose  . . . . . . . . . . . . VERBOSE          N




                                                           Bottom
```

THE NAME

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