How to package github softwares

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Acknowledgment

- Thank you very much, tnn@ for this work.
- And thanks also for many open source developers on github.com.
Tnn@'s github.mk

- Tnn@ import FreeBSD Ports' USE_GITHUB concept to pkgsrc.
- See “heads up: please use USE_GITHUB=yes when packaging software hosted on GH” thread etc. http://mail-index.netbsd.org/tech-pkg/2015/03/07/msg014384.html
- See also tnn@'s commits.
Typical usage

- Do not use USE_GITHUB? – Probably Yes.
- MASTER_SITES=${
  {MASTER_SITE_GITHUB:=username/}

- GITHUB_PROJECT
- GUTHUB_RELEASE or GITHUB_TAG
Example

- See some packages, for example, pkgsrc/libretro-pcsx-rearmed etc.

- See my terminal here.
Convert to use github framework

- DISTNAME=filename-version
- MASTER_SITES=-
  https://github.com/username/projectname/archive/$ {PKGREVISION_NOREV}

- DISTNAME=filename-version
- MASTER_SITES=${MASTER_SITE_GITHUB:=username/}
- GITHUB_PROJECT=projectname
- GITHUB_TAG=tagname
- “-” in URL is not required anymore.
Real code

- My libsixel update candidate
- pkgsrc/mk/fetch/github.mk
- See my terminal here.
Summary

- Please increase pkgsrc packages from github.
- It is easy.
- Thanks for your great work, tnn@ again.