

# 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](https://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}](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.