

Packages - Packaging Request #3513

[sacad][python-bitarray]: adopt packages

2023-07-31 05:20 AM - Drag0nFly

Status:	info needed	% Done:	0%
Priority:	wish		
Assignee:			
Category:			
Description			
The above package is referenced in PKGBUILDS, but is for some reason not available in the standard Arch repos which Parabola inherits.			
Please consider packaging this, especially considering the ongoing pip situation.			

History

#1 - 2023-07-31 06:35 AM - bill-auger

which PKGBUILDS? - i have a script to check for this - it did not find any

if no PKGBUILD published by parabola requires the package, then it is not missing - this would be a 'packaging-request' rather than a 'bug'

#2 - 2023-07-31 06:36 AM - bill-auger

- Status changed from open to info needed

#3 - 2023-07-31 06:48 AM - Drag0nFly

I did submit this specifically as a packaging request. The PKGBUILD referencing python-bitarray was initially fetched via asp. Obviously someone decided to remove this at some point.

Why there is no python-bitarray now in asp I have no idea of. Nevertheless, including the PKGBUILD for sacad below.

```
# Maintainer: desbma
# shellcheck disable=SC2034,SC2148,SC2154,SC2164
pkgname=sacad
pkgver=2.7.5
pkgrel=1
pkgdesc='Smart Automatic Cover Art Downloader'
arch=('any')
url="https://github.com/desbma/${pkgname}"
license=('MPL2')
depends=('python'
        'python-aiohhttp'
        'python-appdirs'
        'python-bitarray'
        'python-cssselect'
        'python-lxml'
        'python-mutagen'
        'python-pillow'
        'python-setuptools'
        'python-tqdm'
        'python-unidecode')
optdepends=('jpegoptim: for automatic lossless JPEG crunching'
           'optipng: for automatic lossless PNG crunching'
           'oxipng: for automatic lossless PNG crunching')
makedepends=('python-pip')
source=("${pkgname}-${pkgver}.tar.gz::https://github.com/desbma/${pkgname}/archive/${pkgver}.tar.gz")
sha512sums=(
'26bb2507faff1c673df5719380e05e526e478fce8ed364730c234e9bee3d384cdea216f1e618f2b439cfdb514d7aeea06b98e689c8d285
9ea85093bdd8e458d66')

package() {
    cd "${pkgname}-${pkgver}"
    PIP_CONFIG_FILE=/dev/null pip install --isolated --root="${pkgdir}" --ignore-installed --no-deps web_cache
    python setup.py install --root="${pkgdir}"
}
```

#4 - 2023-07-31 02:56 PM - bill-auger

- Priority changed from bug to wish

- Subject changed from *python-bitarray is missing from repos to [sacad][python-bitarray]: adopt packages*

ok sry i only read the subject - my only point was that it is not "missing" unless it is supposed to be present - i dont believe that 'sacad' or 'python-bitarray' were ever arch packages - we have package archives going back 5 years, and the ABS SVN history since forever; and neither are present in the history

what is most evident in that PKGBUILD, is that its most severe problem is not the missing 'python-bitarray' dependency, but the fact that it uses pip in the `package()` function to install something else (`web_cache`), which is not a declared dependency - so if your goal is to install 'sacad' without using pip, that PKGBUILD would not help, so adding 'python-bitarray' to parabola would not help either

ie: if you plan to use that PKGBUILD, then you would need to have pip anyways to install 'web_cache'; so you may as well install 'python-bitarray' using `sudo pip` too - i would not recommend that; but that is effectively what that PKGBUILD does, and it seems to be what you are suggesting is your plan, because you did not request 'sacad' but only 'python-bitarray'`

so to do this the right way, would require `sacad`, `python-bitarray`, and `web_cache` to be packaged - all of the other dependencies are available; so it seems do-able - see if you can find PKGBUILDS for the other two?

#5 - 2023-07-31 11:39 PM - Drag0nFly

The PKGBUILD for `sacad` came from here: <https://aur.archlinux.org/packages/sacad>

I agree it is weird to do the `web_cache` install via pip, but I would assume it also came as a result of it not being packaged.

I did build `sacad` on one of my systems and had it install and run properly on a second, without pip installed (since it bundles the `web_cache` Python module within `sacad` itself)