

















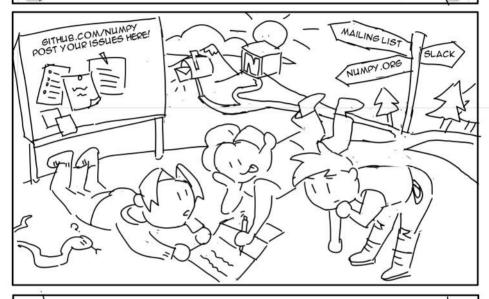
Issue: Feature request

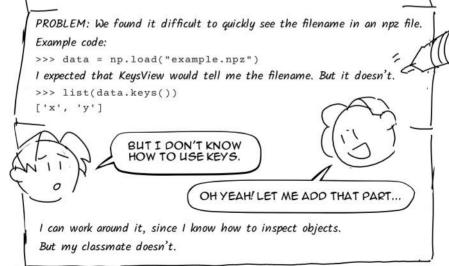
Show filenames in npz archive?

Proposed new feature or change: *

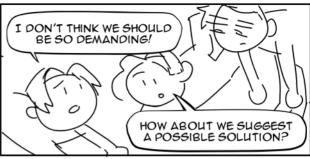
Hi, we're microbiology students using NumPy to look at our cell images

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POSSIBLE SOLUTION

Could the filenames be easier to see? Like right when you open an npz?















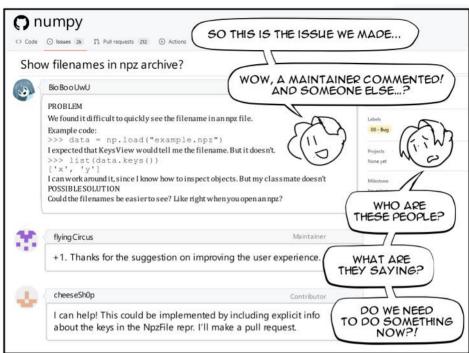






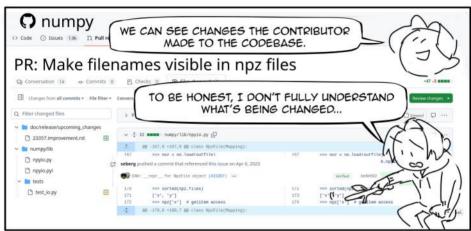


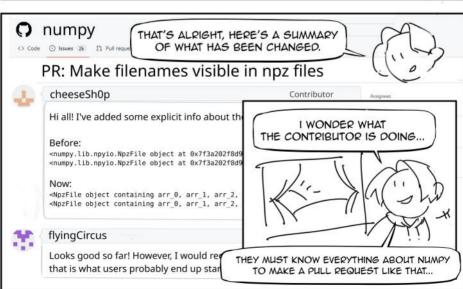


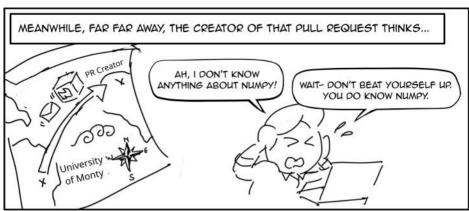


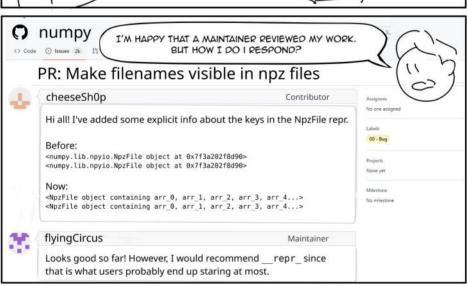








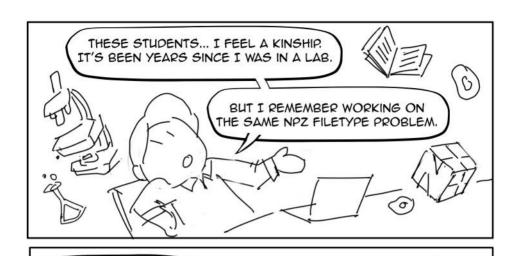


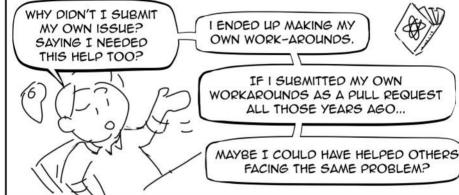








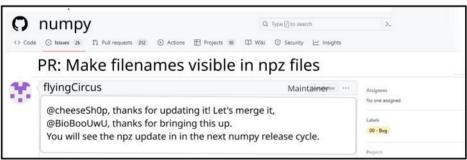


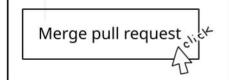




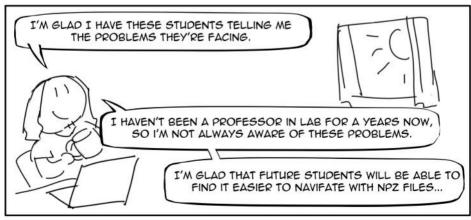
















NOW OUR REQUESTED FEATURE IS HERE, IN THIS RELEASE CYCLE

NumPy-Discussion-Digest

Hi all.

In the last community meeting we discussed the next release. Today is the release!

Summary of changes

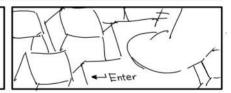
- the user experience with . npz files has been improve by including explicit info about the keys in the NpzFile

- Continuing work on the NEP that proposes adding "StringDType", a DType that stores variable-width heap-allocated strings in Numpy arrays

Thank you to everyone who helped us get so close to the Cheers.

THAT'S SOUNDS NICE...
DOES IT ACTUALLY WORK?

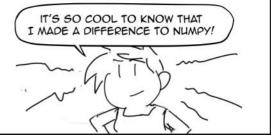
import numpy as np
data = np.load('cell)data.npz')
print(data)

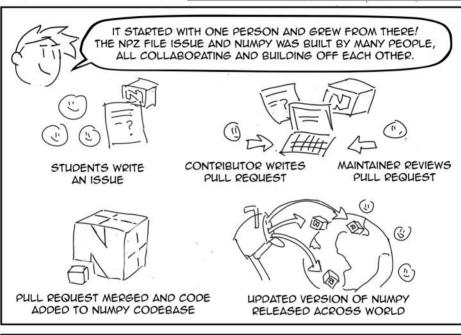


<NpzFile object containing 10AM lab 01, 10AM lab 02, 10AM lab </pre><NpzFile object containing 2PM_lab_01, 2PM_lab_02, 2PM_lab_03,</pre>











THANKS FOR READING! I HOPE THIS COMIC INSPIRES YOU TO ...

START YOUR OWN OPEN SOURCE JOURNEY!

NUMPY OPE

NUMPY GITHUB

GOT FEEDBACK? OR A FUTURE COMIC IDEA? FILL OUT THE SURVEY!







DID YOU KNOW THIS COMIC IS

BASED ON A TRUE STORY?

IN 2023, THERE REALLY WAS AN UPDATE TO THE NPZ FILE TYPE IN NUMPY.



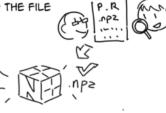
ROSS BARNOWSKI WAS A PROFESSOR TEACHING BIOLOGY STUDENTS THE STUDENTS HAD DIFFICULTY ACCESSING THEIR CELL IMAGE

- JUST LIKE THE COMIC!

ROSS WROTE AN ISSUE.

GANESH KATHIRESAN WROTE A PULL REQUEST CHANGING THE BEHAVIOR OF NPZ FILETYPE, FROM DISPLAYING THE MEMORY LOCATION OF THE FILE TO DISPLAYING THE FILES THEMSELVES.

MAINTAINERS CHUCK HARRIS AND SEBASTIAN BERG REVIEWED AND MERGED THE PULL REQUEST GANESH MADE.



THANK YOU:

- GOOGLE SEASON OF DOCS, QUANSIGHT AND NUMFOCUS FOR THE GRANT THAT KICKSTARTED THESE COMICS
- MUKULIKA PAHARI AND ROSS BARNOWSKI FOR BEING AWESOME PROJECT MENTORS
- THE NUMPY COMMUNITY FOR THEIR CONTINUED SUPPORT





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