

Public Data Archiving

- Edge computing:
 - reduction of data at the sensor
 - data upload from node
- Zenodo: free archival data sharing
 - Zenodo API is verbose
 - <http://developers.zenodo.org/?python#quickstart-upload>
- use simple script like PyZenodo3
<https://github.com/space-physics/pyzenodo3>

Make DOI's for your code, too

PyZenodo3 usage example:

1. Create Zenodo profile + API token
1. Install PyZenodo3:
`pip install pyzenodo3`
3. Upload data:

```
upload_zenodo my.key meta.ini  
data.zip
```

Building / compiling code

	GNU Compiler Collection	LLVM	Intel Parallel Studio	Portland Group (PGI)
C	gcc	clang	icc	pgcc
C++	g++	clang++	icpc	pgc++
Fortran	gfortran	flang	ifort	pgfortran
Go	gccgo	llgo		