Uploading scripts/notebooks to a repository online equals to teaching.

No, I strongly disagree

Do you agree?

2.7

2.7

Yes, I fully agree

50
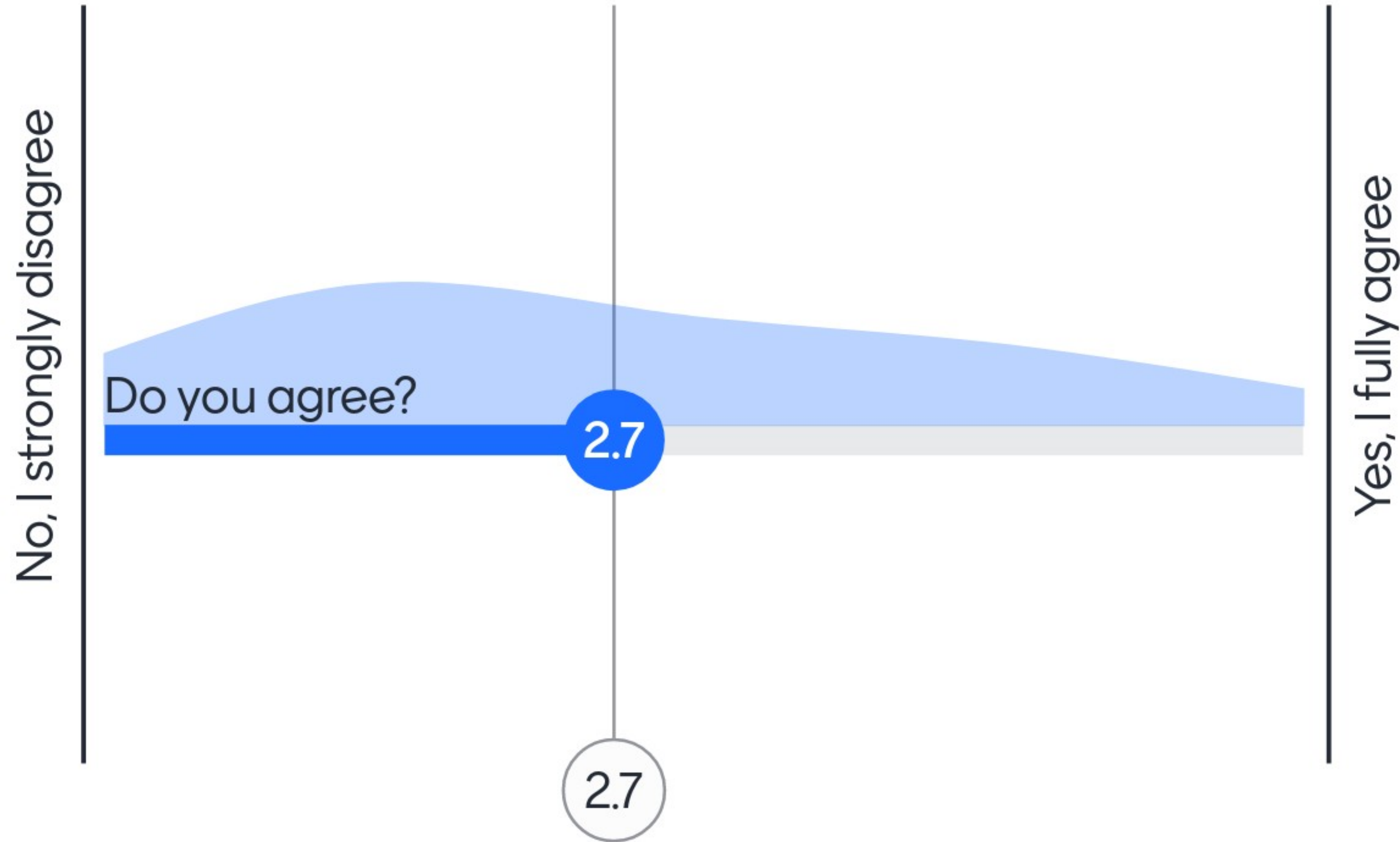
How would you like to learn Brightway?
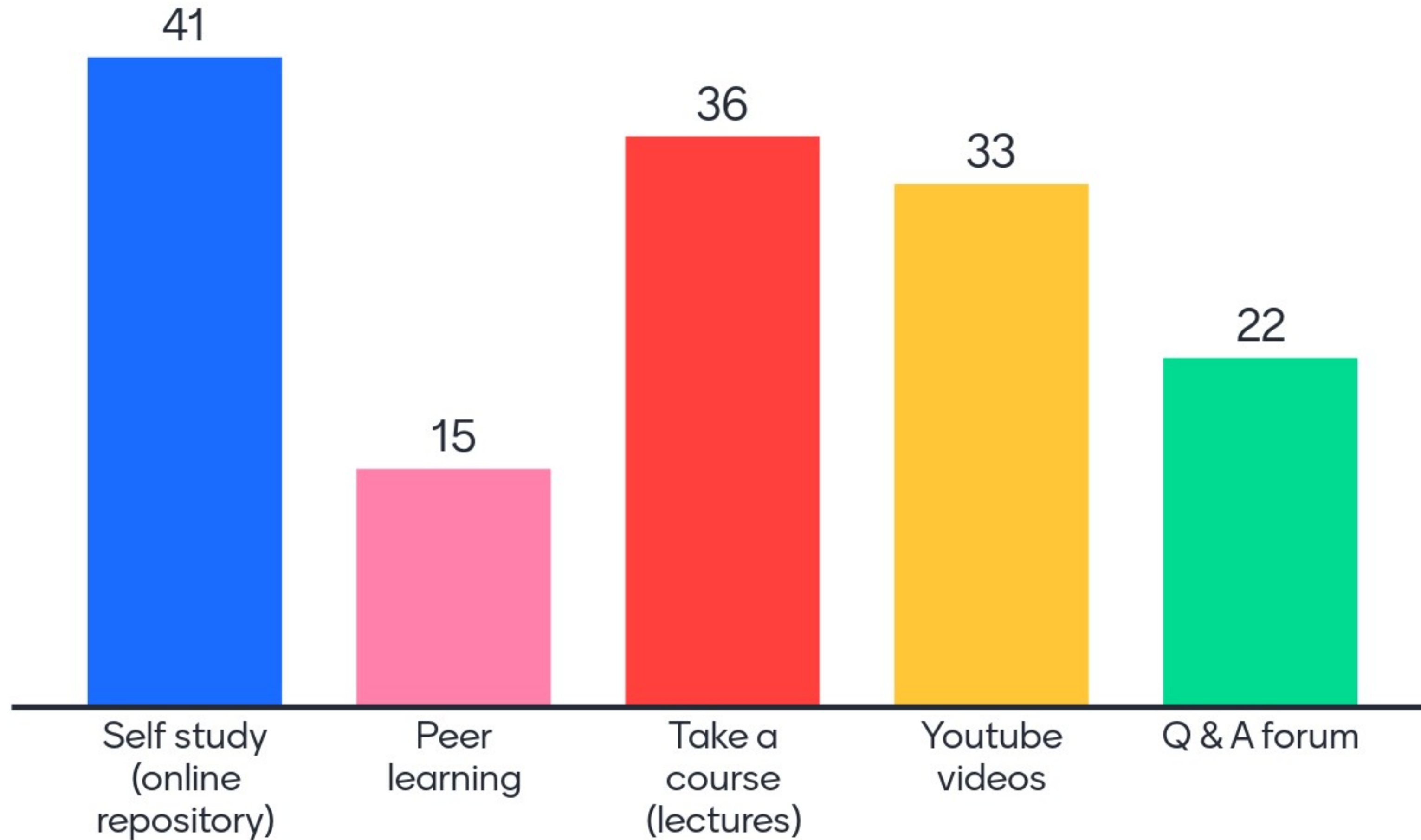
What are the challenges?

Time	Python	Being overhelmed in the beginning
Getting started	Python skills	Python
(I didn't learn Bw yet)	Python knowledge	python

96

What are the challenges?

The mental model that fits my case study doesn't match the default BW schema

Debugging scripts

Python

practice

Python

access and manipulate matrices

steep learning curve

debugging

Not having the python knowledge

96

What are the challenges?

matching LCA terms to the actual python objects in bw

Phyton

Setting up the environment

Exchanging data

verbose

python

to many things to learn at the beginning

What really is going on in the background calculation

slope of early learning curve

96

What are the challenges?

Developer level is hard

Parametrization

Getting stuck if I don't know a specific command and I don't know where to look at it

Access and edit the data (for which AB was of great help)

lists and dictionaries extremely nested

lack of examples :)

Figuring out and memorising the code structure and commands

Literally knowing where to start without any knowledge of python

Python

96

What are the challenges?

poor (functions) documentation/commenting

many very technical things in documentation, that are not needed to get started

Code structure (many repos)

Installing, using Anaconda/python/packages; keep them updated;Understanding BW2 structureDo actual LCA (Import LCI (unlinked exchanges EVERYTIME), do LCIA, contribution analysis; export to excel)

Git

no clear overview where to start

Don't know in the beginning about what is possible in BW2 and what not

not to laugh at Chris Mutel's jokes in the documentation

Work-BW balance

What are the challenges?

Parameterization

Example cases

Display results grouped by tag as I would like to in other software

Cheatsheets of IMPORTANT methods. Examples like R tidyverse, ggplot2, purr, etc.

understand the logic behind

conda

manipulating the background db without wurst

Struggling with very small errors (e.g. wrong indentation)

Error solving! Debugging!

96

What are the challenges?

technical documentation scattered

A clearer overview of the entities available in brightway (processes, products, …) and how this data is stored and can be modified

Adding my own impact assessment method

Getting stuck not knowing how to address specific questions and not finding the solution in stackoverflow

the brightway2 manual

hard to find help or information if an error occurs since everything is scattered in different places (documentation, github, notebooks, stackoverflow)

debugging

requires lots of storage on my laptop

Basic users problems are not developer problems: I found it difficult to just start with bw2. A user manual for beginners (just as the github tutorial was) is extremely useful

What are the challenges?

more examples	limited online support	getting the LCA results out of python
things around brightway: anaconda, github, jupyter, etc	Lack of something like a guide for beginners divided in steps	to be a developer you must pass by Chris (which should not be the case)
Mix between data complexity and BW2 (challenges are not always BW2 related)	contribution analysis visualization	hard to find out, whether there is already a function in BW to solve what I want to do or whether I have to code sth/a function myself

96

What are the challenges?

how to contribute

Control if the code did what you wanted (bit of a blackbox); i.e. if your results are valid

Graph Traversal

all bw related information is very scattered. would be nice to collect everything in one place

Version control of jupyter notebooks via git

getting the result of the overall energy consumption, not just the GWP

visualizing something to see whether I calculated what I wanted to do

finding answers to specific questions

Documentation for contributors

96

What are the challenges?

github, jupyter notebooks

Big challenge to get started

testing

Massimo's notebooks

Existing code

trial and error

Looking into the source code

Jupyter notebooks

notebooks

96

What are the challenges?

Debugging

Official BW documentation!

visiting PSI

Stackoverflow and writing to Chris and other experts

Having time (PI)

Chris

96

What has helped you to learn Brightway?

developing with it
massimo's bw course
someone to ask questions
well commented notebooks

example notebooks
examples notebook
looking under the hood

using in personal project
starting from small tasks
reading the source code

the source code

python learning

chris

applying it to a problem
well docum example notebo

course

activity browser

videos

online notebooks

python knowledge

a colleague

sasha

time

notebooks

massimo

stackoverflow

stubbornness

trial and error

use it in projects

knows it

practice

a python background
massimo's notebooks
existing notebooks
brightway notebooks
poutine abd rosti

teacher

stack overflow

online courses

xiaojin

exemplary courses

colleagues

case studies

working with someone that

project deadline

2017 seminar notebooks

other people's notebooks

someone to talk about

project deadlines

python course before

46