



It Takes a Village

Anelda van der Walt

With the African Carpentries Task Force:

*Caroline Ajilogba
Erika Mias*

*Mesfin Diro
Juan Steyn*

*Kayleigh Lino
Lactatia Motsuku*

Katrin Tirok

----- Forwarded message -----

From: **Anelda van der Walt** <anelda.vdwalt@gmail.com>

Date: Fri, May 15, 2015 at 11:46 PM

Subject: SWC unconference

I have another crazy idea.

How about we hold a Software Carpentry Unconference in Cape Town?

*“Every once in a while a revolutionary **initiative** comes along that changes everything.*

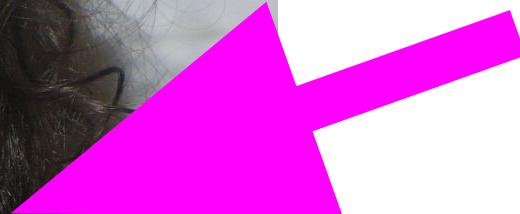
It’s very fortunate if you can work on just one of these in your career.”

~ Steve Jobs 2007



[https://commons.wikimedia.org/wiki/File:_First_Generation_8GB_\(3680455198\).jpg](https://commons.wikimedia.org/wiki/File:_First_Generation_8GB_(3680455198).jpg) CC-BY

<https://carpentries.org>



Me...
before
The Carpentries



Photo credit: <https://commons.wikimedia.org/wiki/File:NiklasZimmer-DSF0851-print.jpg>
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Workshop blog post: <https://software-carpentry.org/blog/2014/12/cape-town-swc.html>

“If my hunch is correct, you will see many more institutions wanting to have a direct partnership with SCF once we can show that it is a fantastic way to build a "computational savvy" student/researcher base.”

To Greg & Tracy (9 December 2014)

“I realised again that it's not enough to talk about it and read about it, we HAVE to run the workshops to make the mistakes so that we can learn and improve and make a difference.” ~ To Greg (17 May 2015)

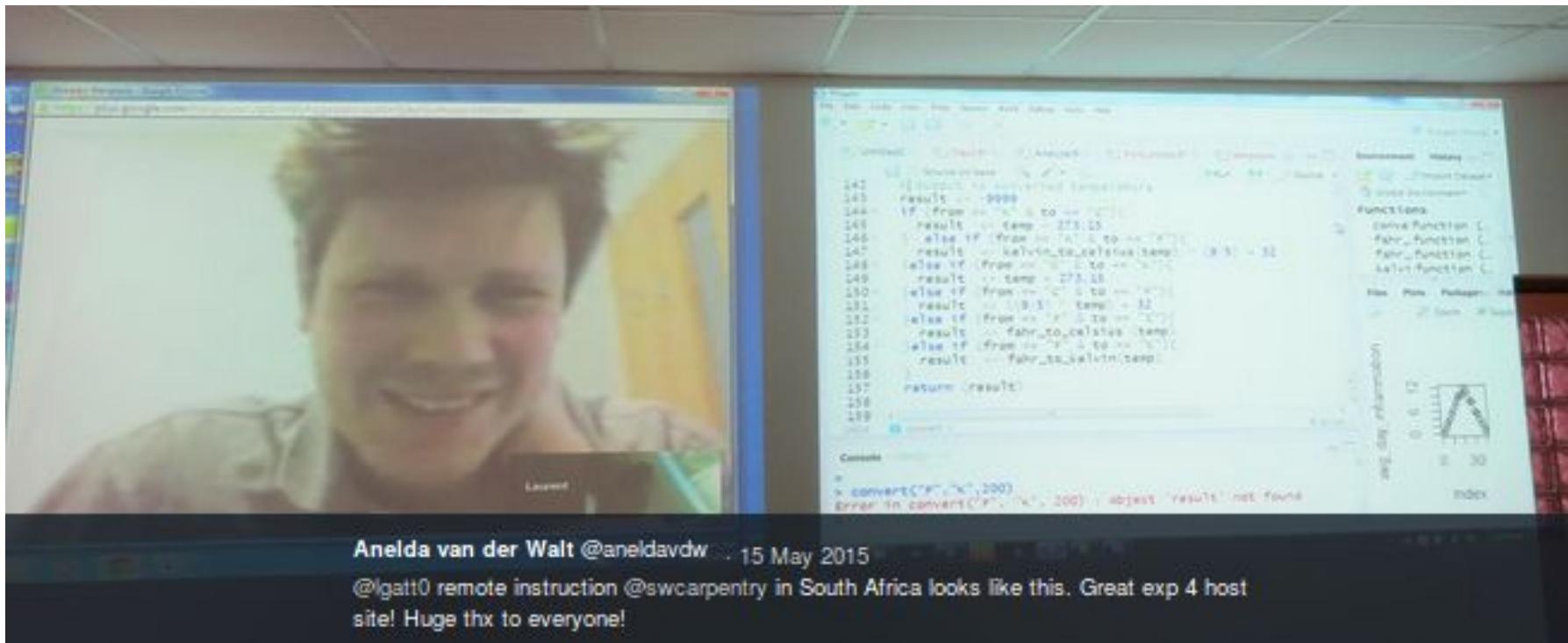
“I guess we won't know if we can do it until we actually try to do it. And only then the learning can begin.” ~ To Greg (4 July 2015)

Our Workshops



<https://software-carpentry.org/workshops/past/>

Online Workshop



Anelda van der Walt @aneldavdw · 15 May 2015

@lgatt0 remote instruction @swcarpentry in South Africa looks like this. Great exp 4 host site! Huge thx to everyone!

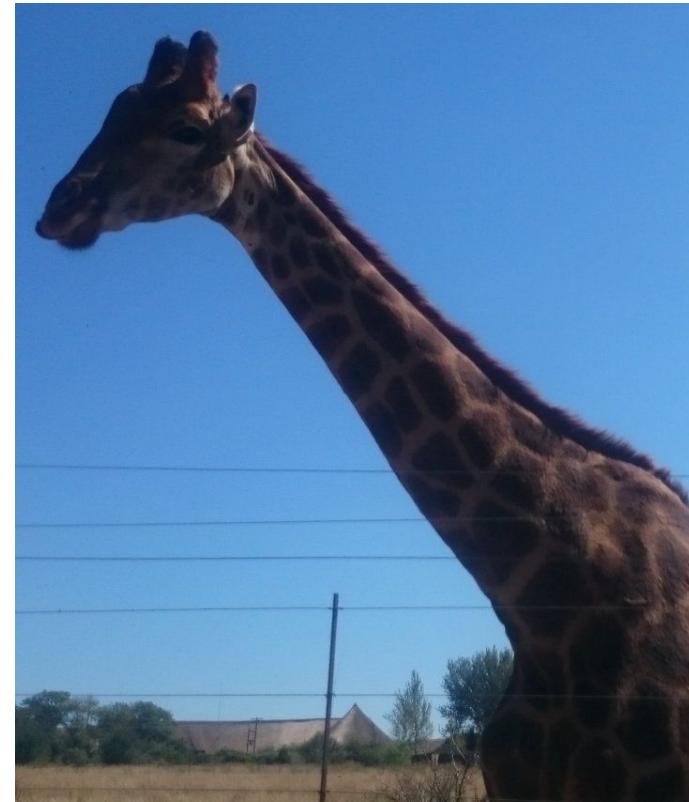
Workshops in Wedding Venues



Anelda van der Walt @aneldavdw · 6 Sep 2015

I see green stickies while @Tjips_ is teaching @swcarpentry Shell lesson avilble at software-carpentry.org/lessons.html @Saeonews

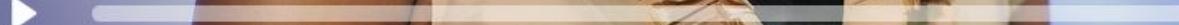
Workshops and Visitors from the Wild





Chimamanda Ngozi Adichie | TEDGlobal 2009

The danger of a single story



The Ethiopian Story

Mesfin Diro

CARPENTRYCON 2018
May 30 - June 1, 2018
Dublin University College
Dublin, Ireland

Mesfin Diro
Ethiopian Carpentries Team
Addis Ababa, Ethiopia
mesfin.diro@aau.edu.et

May 30, 2018

1. The Carpentries Team

	Name	Affiliation
1	Dr. Margareth Gferer	Ethiopian Education Strategic Center
2	Behailu Korma	Ethiopian Education Strategic Center
3	Bony Adane	Civil Engineers Association
4	Dagim Yoseph	Addis Ababa University
5	Yoseph Abate	Addis Ababa University
6	Mesfin Diro	Addis Ababa University

Table 1: Carpentries team members in Ethiopia

	Name	Training Schemes Followed
1	Dr. Margareth Gferer	In person at South Africa
2	Yoseph Abate	In person at South Africa
3	Bony Adane	In person at South Africa
4	Behailu Korma &	In person at South Africa
5	Dagim Yoseph	Online
6	Mesfin Diro	Online

Table 2: Training schemes provided to members

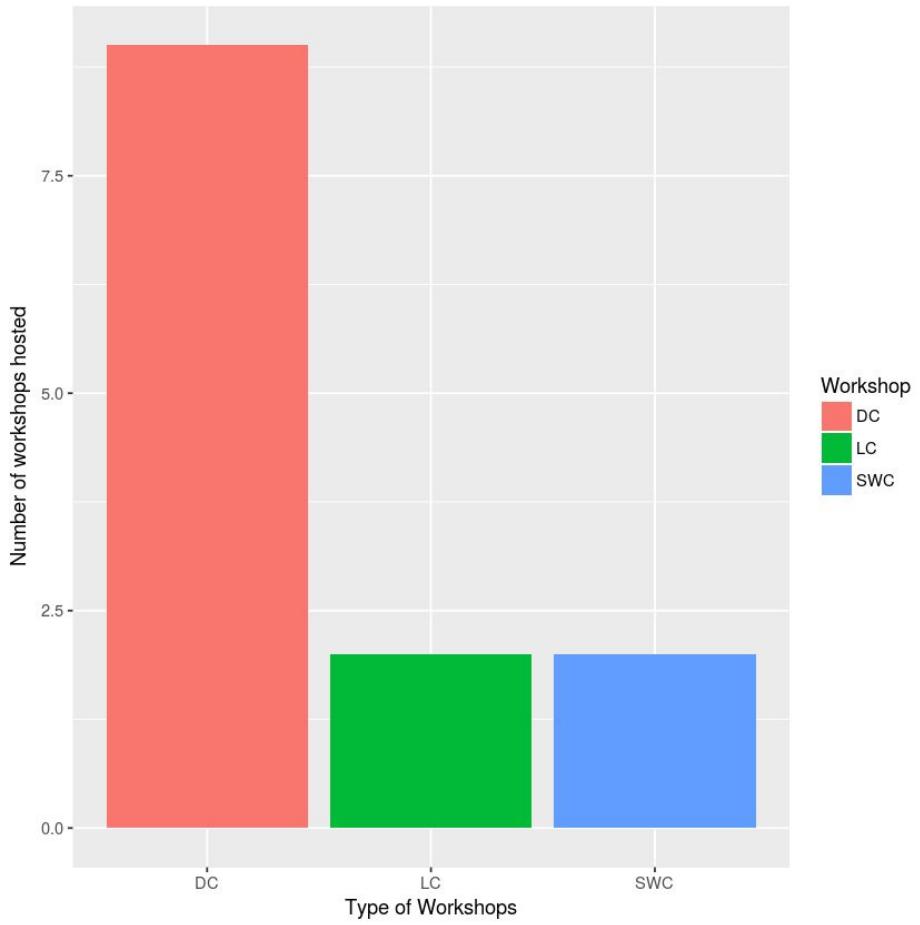
2. Carpentry Workshops in Ethiopia

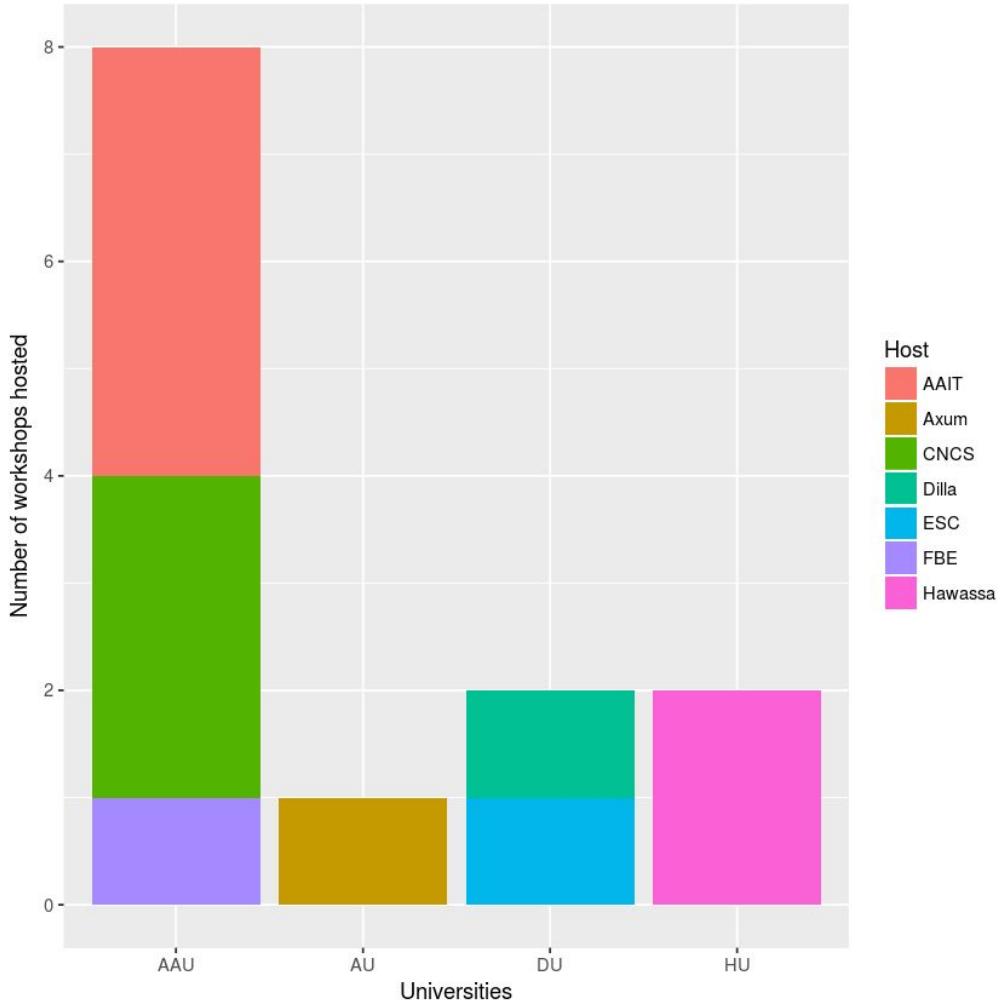


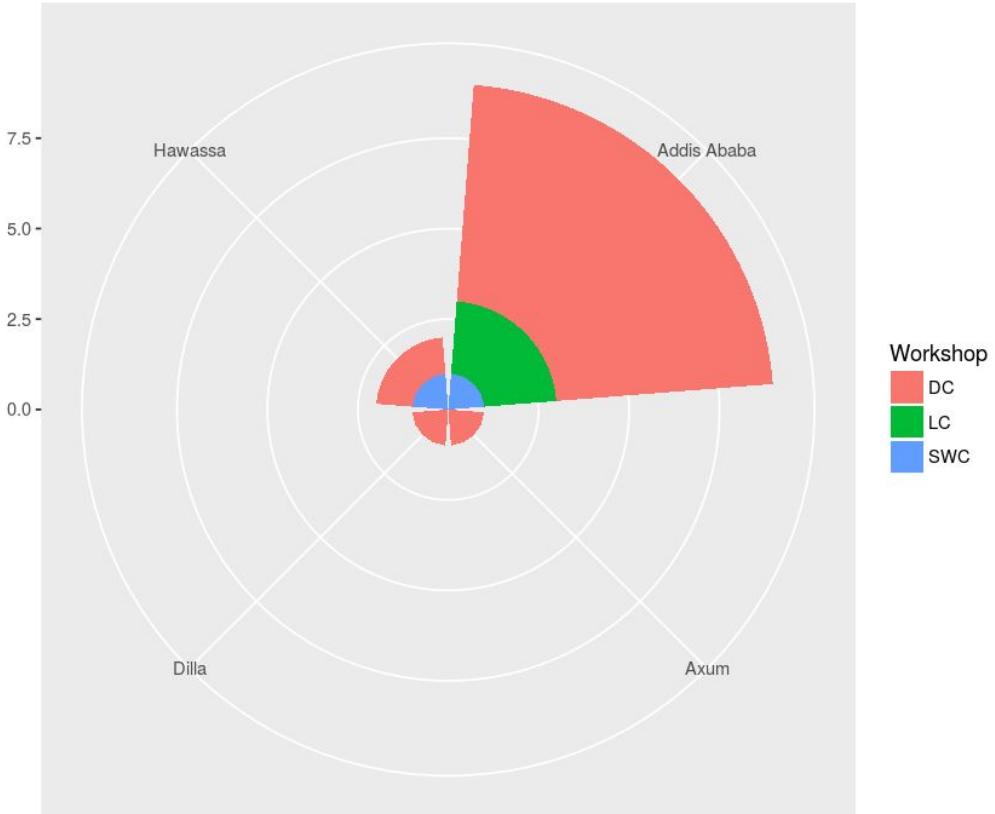
Figure 1: First DC Workshop in Addis Ababa

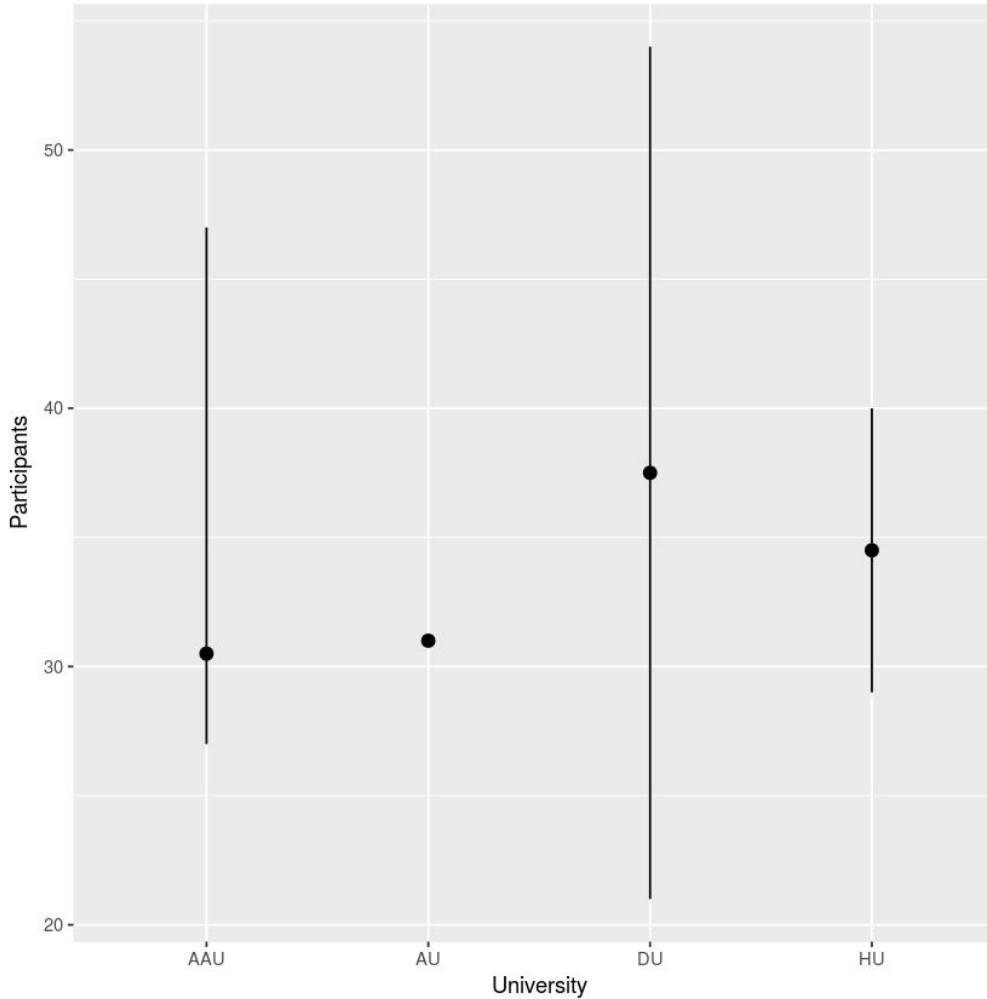


Figure 2: Last DC Workshop in Addis Ababa











WHAT WE DO EVENTS CONTACT OTHER CHAPTERS

AKSUM

DILLA

HAWASSA

HOSAENA

Welcome to R-Ladies Addis!

**LET'S BUILD A VIBRANT R
COMMUNITY IN ETHIOPIA**

TELL ME MORE

Figure 7: A: R-Ladies Chapters Team in Ethiopia



Welcome to PyEthiopia Community!

LET'S BUILD A VIBRANT PYTHON COMMUNITY IN ETHIOPIA

TELL ME MORE

OPEN CHAT

Figure 8: B: Python Community Team in Ethiopia

3. Sustainability : the way forward

We have three main strategies in-line with Carpentries workshops. These are :

1. Working as trainer(With SA team) and host(with GIZ) by finding funds for the work-shops
2. About 6 local Chapters of R-Ladies are formed to support Carpentries activites.
3. National repository is built and libraries are trained in the area
4. Ethiopian Python communities(PyEthiopia) is formed at Addis Ababa.
5. We have planed to train new Carpentry instructors.
6. We have planned to start International Computer Driving License(ICDL) for TVET and high school in the country and
7. We Have planned to start CODATA summer schools for advance topics



Our Instructors



Anelda van der Walt @ane davdw ... 8 Jun 2015

@swcarpentry intr training with @gvwilson @aleksandrana @warcode with participants
in Cape Town, Sheffield, Michigan

<https://twitter.com/anedavdw/status/607927738180222976>



Photo credit: Willie du Plessis (NWU)



Photo credit: Maryke Schoonen



Photo credit: Senzo Mpungose (WITS)

food will not be served. This will be indicated by signage or Facebook.

Captains Order 5

All laws and rules of the Colony will be strictly adhered to.

Captains Order 6

Fair trade will apply at all times on deck.

Captains Order 7

The Quartermaster, First and second mates will assume the command of the ship in the Captains absence, but the Captain will be kept informed on an hour to hour basis about the condition of the ship.

Captains Order 8

Seeing that the captain rely on his crew to make it through the journey, he will not tolerate any ill treatment of his crew by passengers. Shouting, swearing and degrading behaviour will force the captain to throw such passengers overboard. Well mannered and civil behaviour is expected by all on deck, even those that feel aggrieved.

Captain and senior crew of the ship

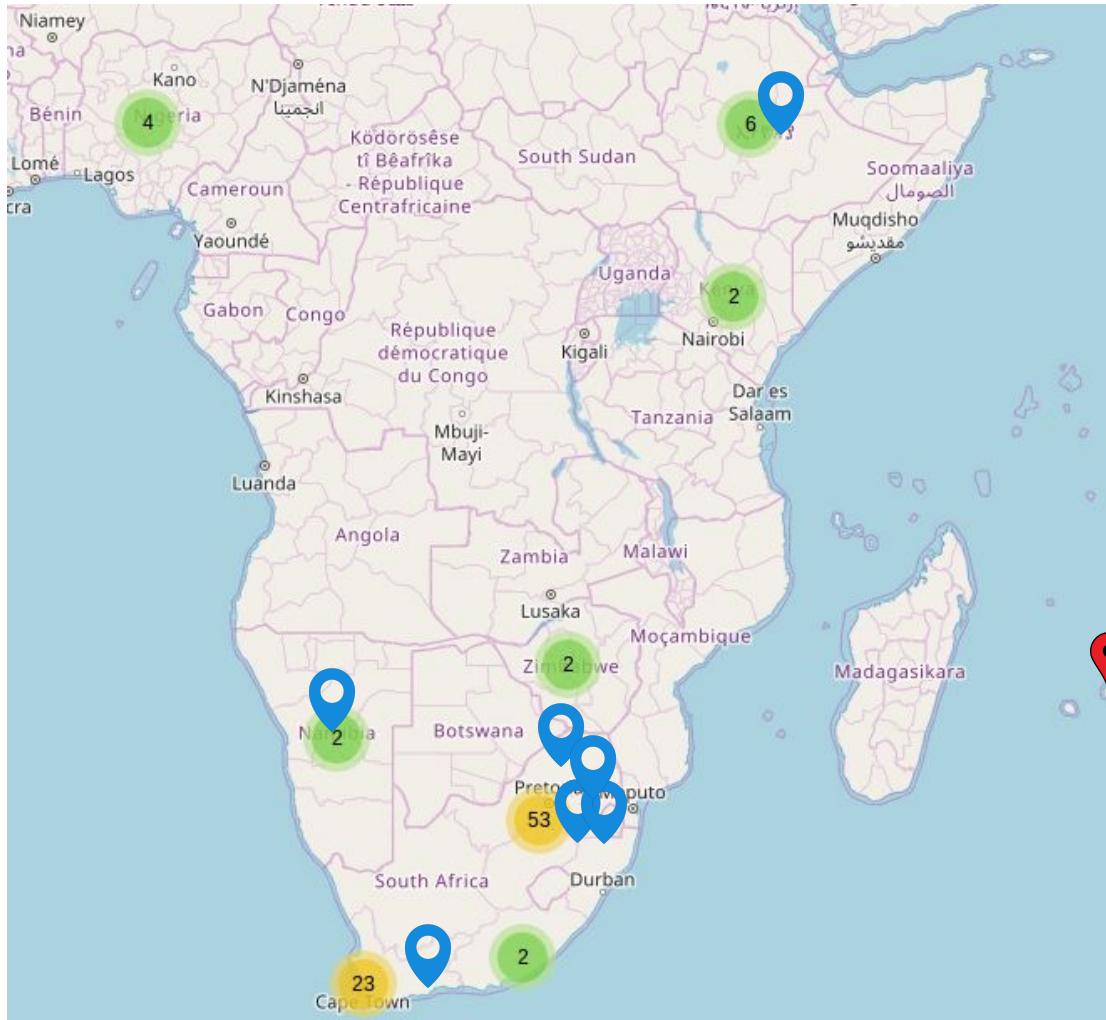
Captain - Joe

Quartermasters - Hardus & Adriaan

tripadvisor®

www.kabeljoes.com







What is it like to be part of the
African Carpentry instructor community?

Lactatia Motsuku



Cam Macdonell: "Meeting Sebastian on the way to my room at Mosetlha at night was an exciting point. And I was greatly relieved to learn that snakes were still hibernating!"

(FYI: Sebastian is an African Buffalo. They weigh between 500 - 1000kg and is also known as the "black death" or "widow maker".



Photo credit: Cam Macdonell



Photo credit: Jonah Duckles



Photo credit: Amy E. Hodge

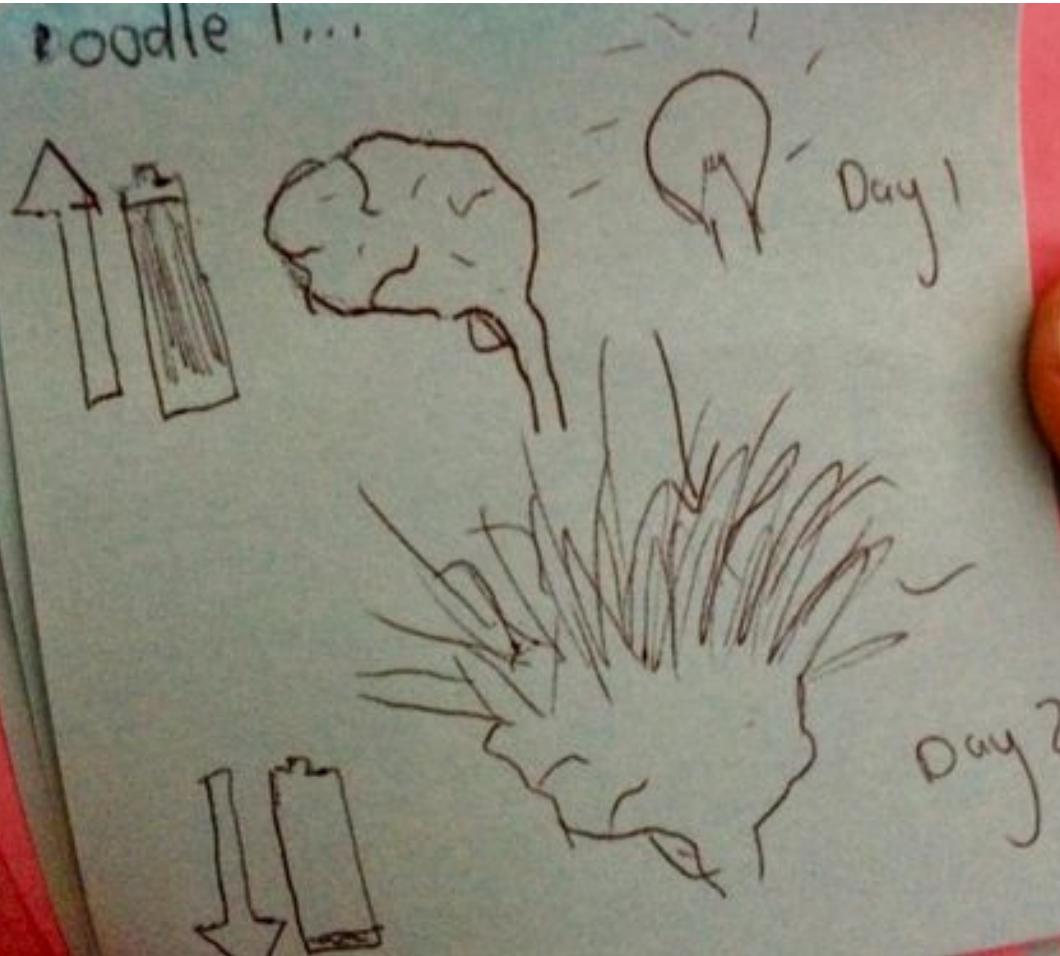


Photo credit: Amy E. Hodge

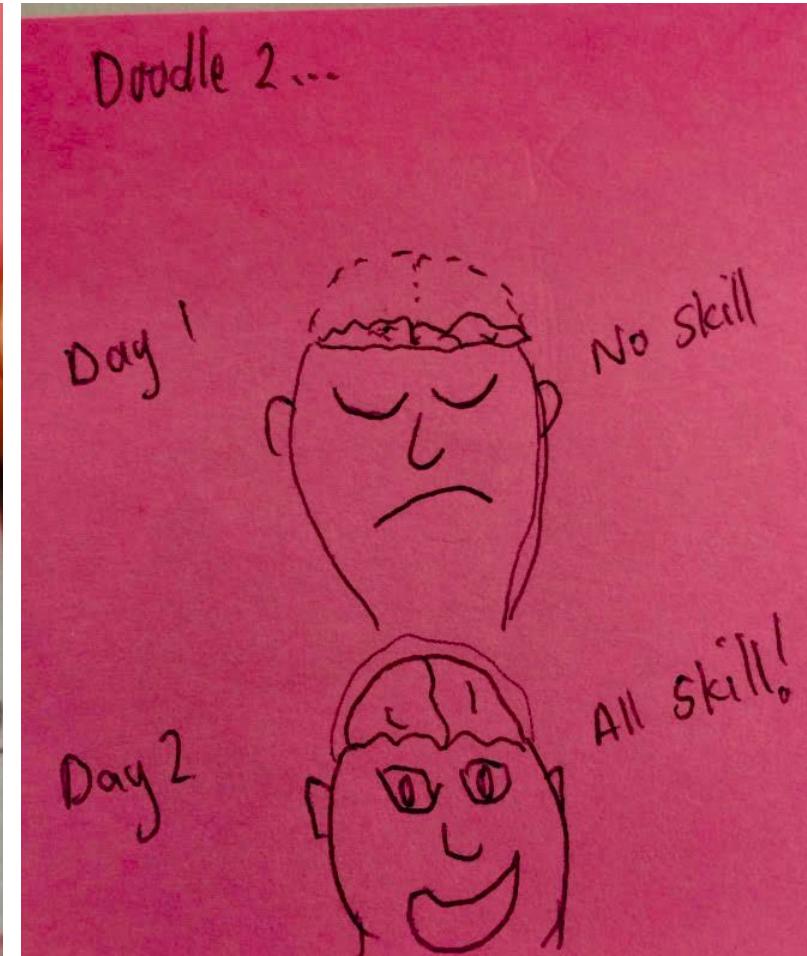


Photo credit: Amy E. Hodge

Doodle 1...



Doodle 2...



How is the African Carpentries Task Force
supporting instructors in Africa?

Erika Mias

Our Learners

Aleksandra Pawlik: “The Data Carpentry workshop at the University of Venda in Limpopo! It is the best workshop I ever run. The students were so amazingly resourceful. We had some WiFi issues and so people were hotspotting from their phones or brought their own Ethernet cables. They really wanted to learn.”

Andy South: “I too have good memories of the enthusiastic students and instructors at Uni Venda.”

Interesting observations about our learners

Katrin Tirok

That was very nice
~~time~~, If I were to
write everything I learned,
I will need 3 pages or
more.

keep it up.

- Help from other
instructors is very
good.
(good team work)

* The classes were interesting
because I was never interested in ~~to~~ Linux
before but now I'm keen
to learn about it.

I can help others
now with basics

I learnt from
others

The guy is a great
instructor especially
for someone doing it
for the first time

Good tempo/
speed of working
ie. one could
follow



<https://twitter.com/aneldavdw/status/769148580141604864>



<https://twitter.com/aneldavdw/status/864022343567454209>





<https://twitter.com/aneldavdw/status/783584275551707136>

Post-workshop community development

Caroline F. Ajilogba

Running Data Carpentry workshops at the North-West University Mafikeng campus South Africa has received an awareness which cuts across the different faculties ranging from Sciences to humanities.

The learners are mostly postgraduate students, postdocs and staff including senior lecturers and professors with desire to learn to use the R software to create reproducible research

After a Carpentries' workshop, participants would normally want to know more. This normally opens door for volunteering by one or more participant to follow up with the lessons learnt. Then I came up with these 3 questions to help open the eyes of participants in a workshop to the need for a study group

- Is it relevant to what we are doing? Y/N
- Is one of us very good with the software or better than the others? Y/N
- Do we need to be taught again? Y/N

If the answer to all of these questions or the first and last question is yes, then having a community, like a study group is one of the best options

Note

One key thing that makes a project sustainable is the desire for continuity

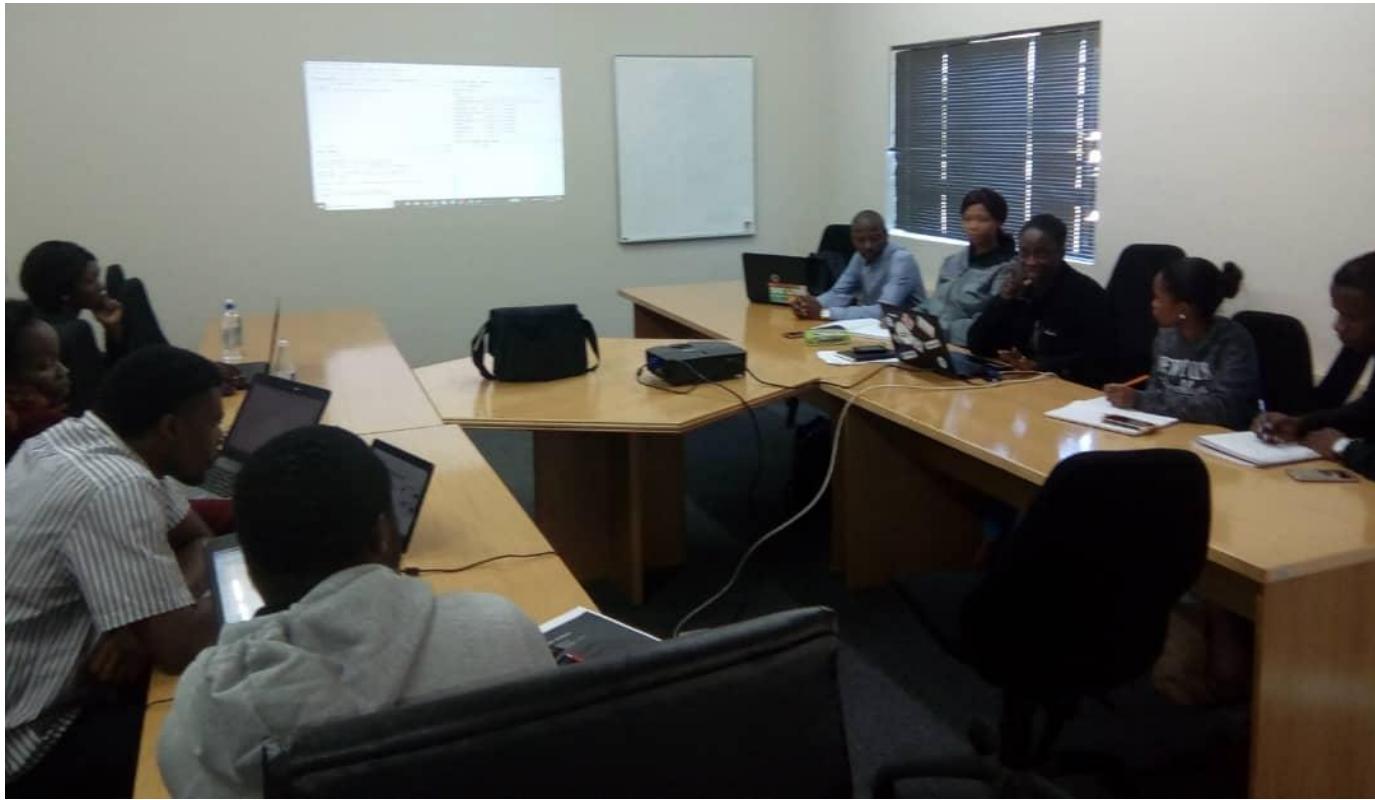
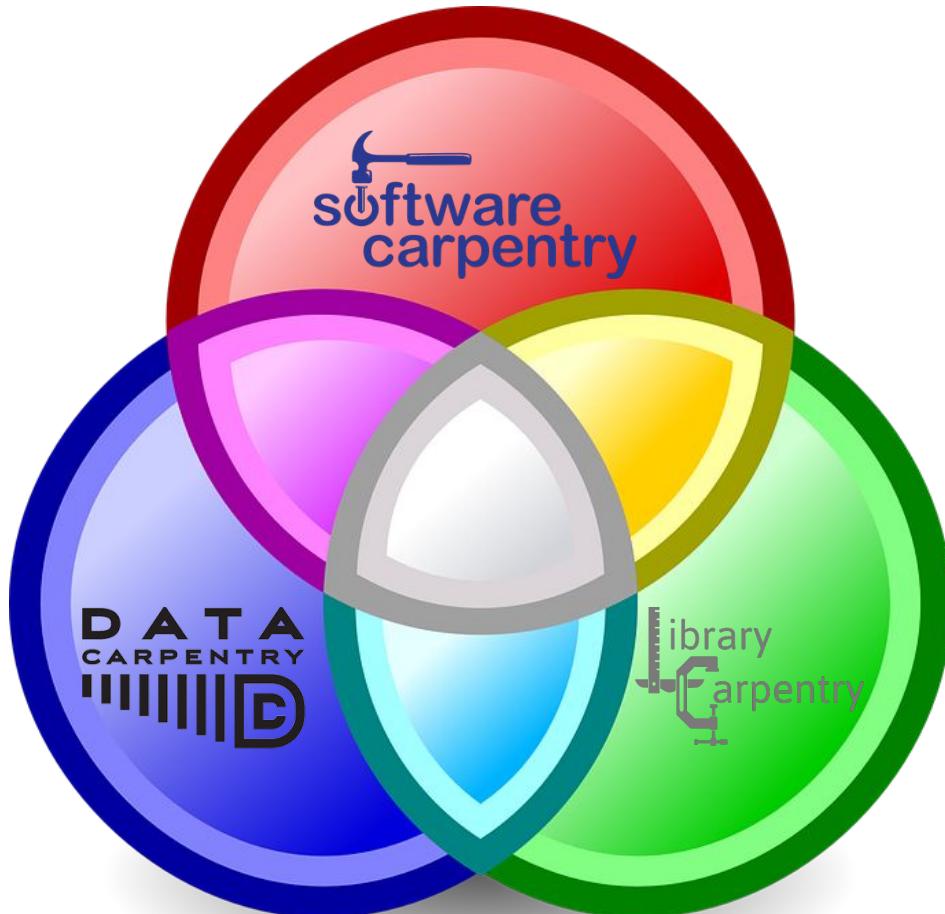


Photo credit: Caroline F. Ajilogba

Our Curricula



What do we teach?

Kayleigh Lino

Our funding model and sustainability plans



Funders of Carpentries in Africa



higher education
& training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA



SAEON
South African Environmental
Observation Network



Data Intensive Research Initiative of South Africa



SANBI
South African National
Bioinformatics Institute



UNIVERSITEIT
STELLENBOSCH
UNIVERSITY



University of Venda



And more...

How have we managed to find funding?

Juan Steyn

Leveraging institutions for Financial Support



THE
CARPENTRIES

Build on
what already exists

REUSE

Provide contextualisation to participants in
order to ground new concepts

CONTEXTUALISE

<http://bit.ly/capacitymodel>

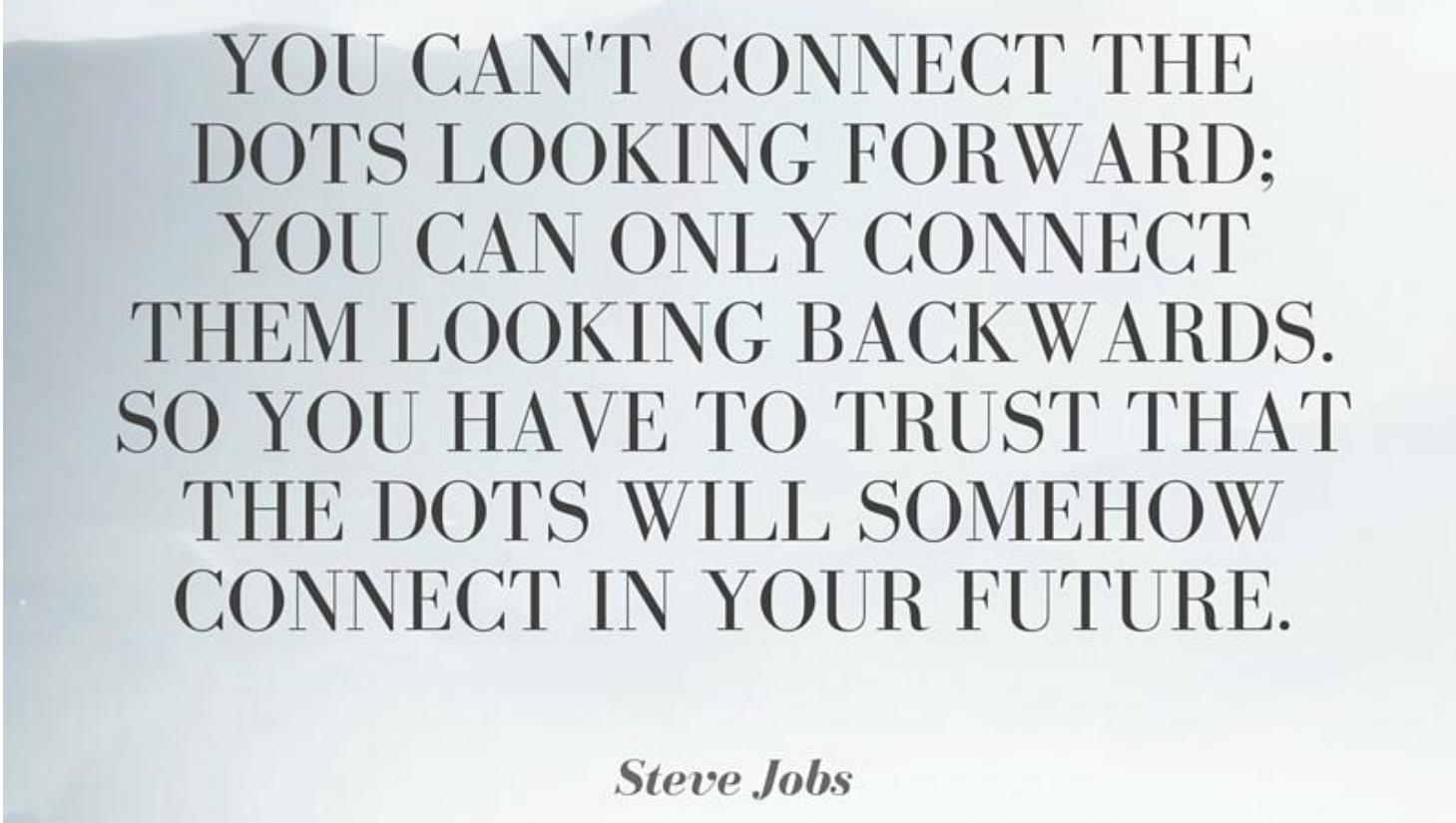
**SHARE with the community
and contribute back**



Find like-minded
collaborators

COLLABORATE

So where do we go from here?



YOU CAN'T CONNECT THE
DOTS LOOKING FORWARD;
YOU CAN ONLY CONNECT
THEM LOOKING BACKWARDS.
SO YOU HAVE TO TRUST THAT
THE DOTS WILL SOMEHOW
CONNECT IN YOUR FUTURE.

Steve Jobs



Greg Wilson

@gwilson

Follow



If anyone had told me when @swcarpentry restarted in 2010 that a workshop in Ethiopia would some day be just another Monday...



Anelda van der Walt @aneldavdw

Sooo good 2 B back in #AddisAbeba for 2nd @datacarpentry wshop. This time with 4 Ethiopian instructors! Looking forward to great week ahead!

11:31 AM - 30 Oct 2017

16 Retweets 46 Likes



“If it wasn’t for Software Carpentry, I doubt I would have been brave enough to start a company. The Software Carpentry community serves as my mentor, my community. Due to the incredible sharing culture in the Software Carpentry community I feel like I am part of the most amazing mentorship programme. **Reading all the posts on twitter and their blog encourages me daily to pursue the things I believe in – it reminds me that there are many people in the world who value the same things I value and that small groups of people can change the status quo through perseverance.** I appreciate the opportunity to be part of this incredible community and through my participation learn about other initiatives that share the culture and ideas (including Mozilla Foundation, Software Sustainability Institute, and many others).“

To Jennifer Bryan (8 March 2015)



<https://www.growthguided.com/another-level-of-connection-discovered/>

Thanks and Acknowledgment

Everyone who have played any or many of the following roles for The Carpentries:
funded, collaborated, criticised, discussed, taught, contributed, questioned,
organised, managed, envisioned, advocated, mentored, and ...

THANK YOU!

Images obtained from <https://pixabay.com> unless stated otherwise.