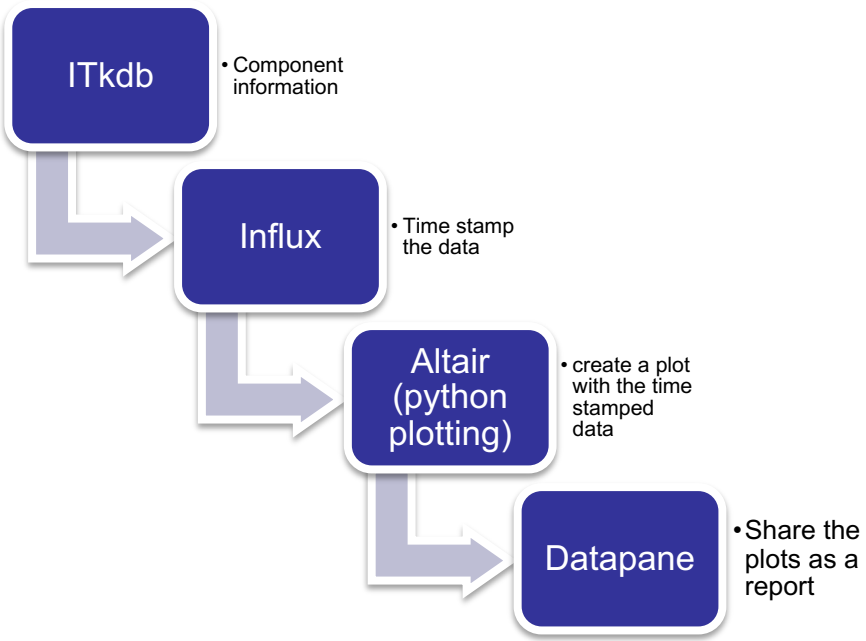
Time dependent component migration reporting

Zefran Rozario

The basic structure of the tool



- Essentially, we pull our desired information out of the PD, put it in influx where it is time stamped. We then extract the data again and plot the resulting timeline and visualize the component stage migration. Finally, a Datapane report provides a quick easy way to share the plots.

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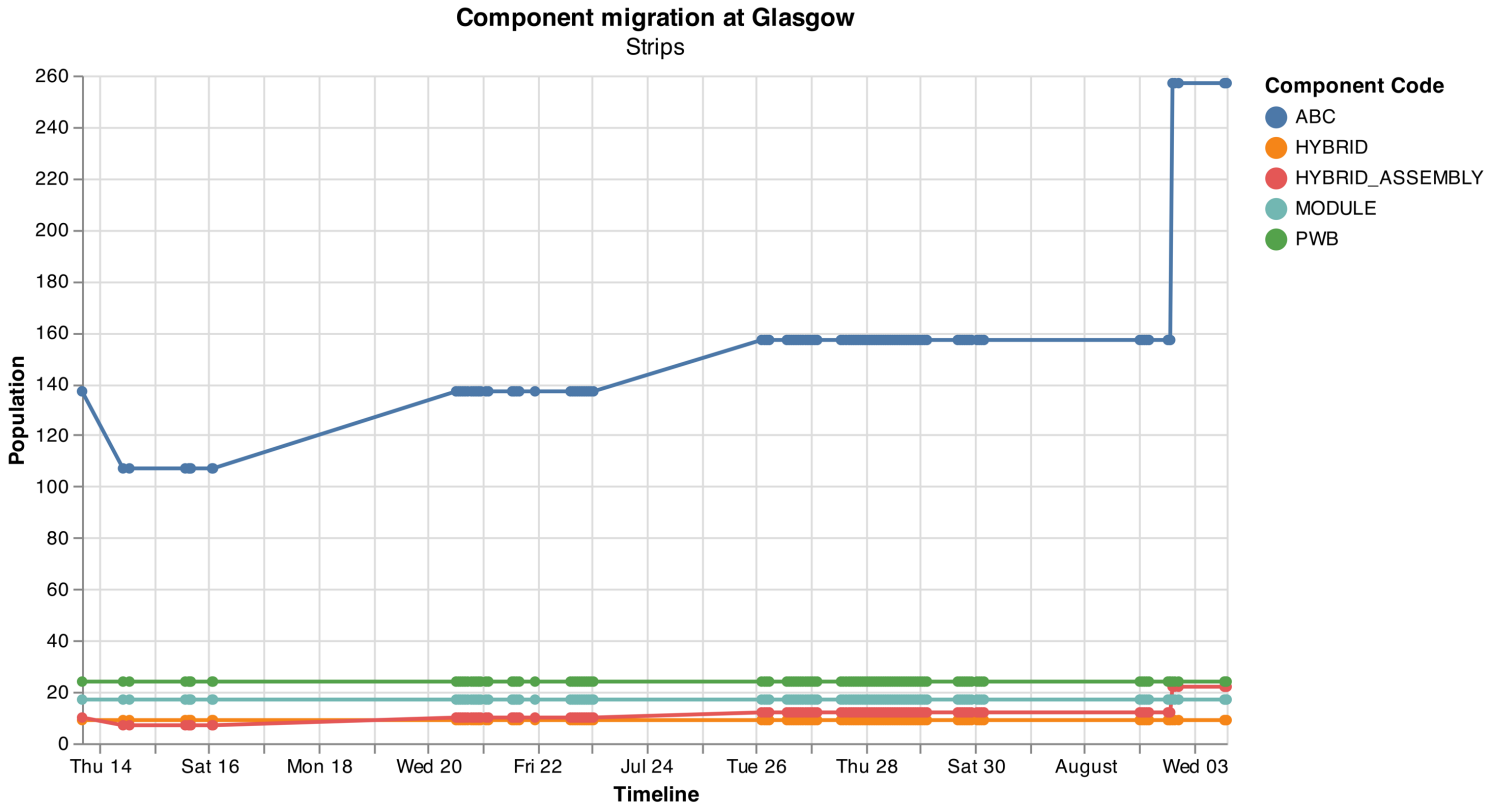
Local Glasgow test run



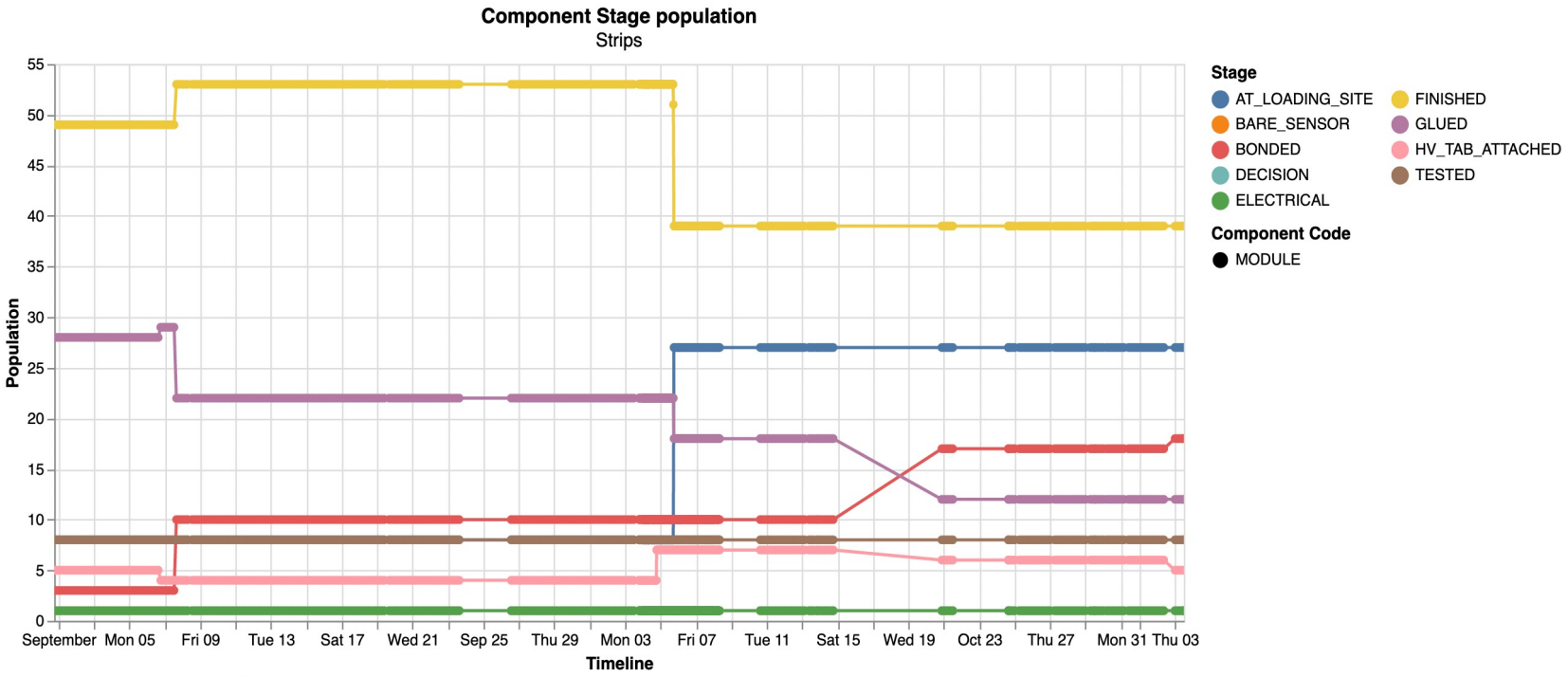
Scale up

- We now have a report live showing the component population in some stages across all the institutions in the UK-CHINA Strips cluster. Here's the link.
- The report automatically updates every three hours.

New functionality

- Drop down selection and component stages

Institute: Rutherford Appleton Laboratory



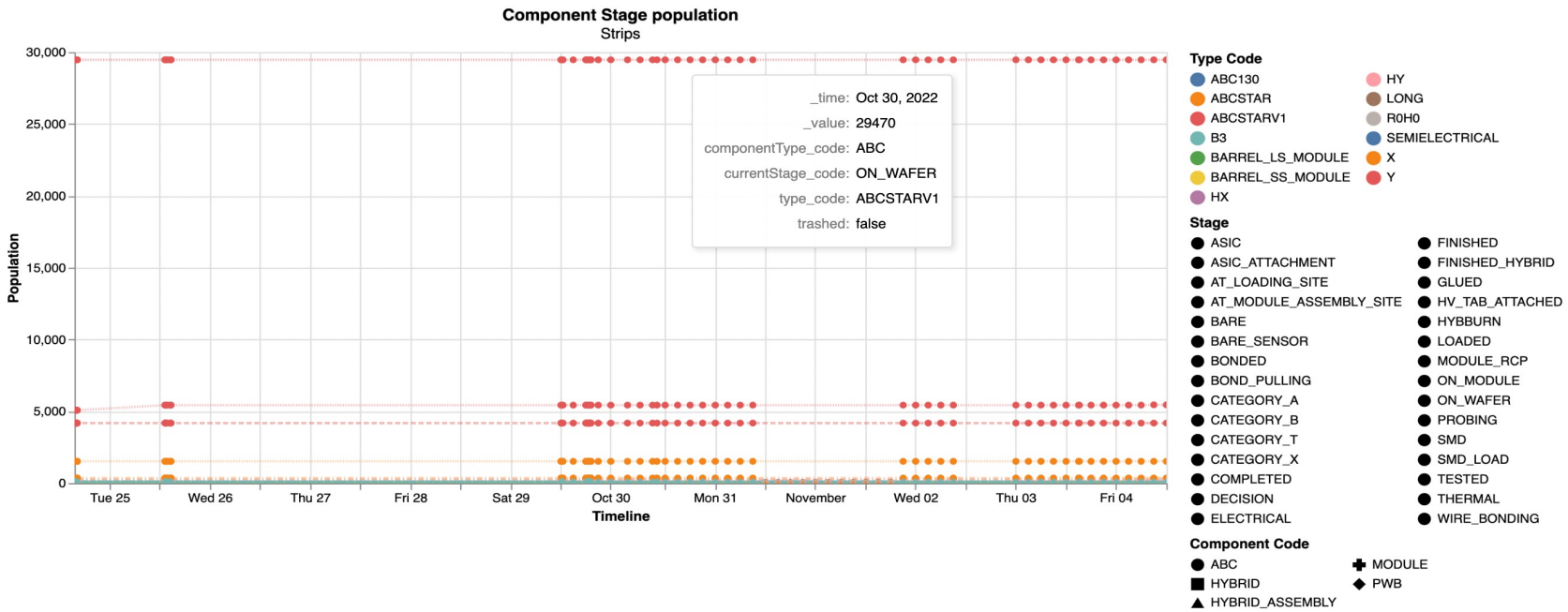
Component Type Code: MODULE

Component Stage: null

New functionality

- Differentiating between trashed and not trashed

Institute: Rutherford Appleton Laboratory



Component Type Code: null

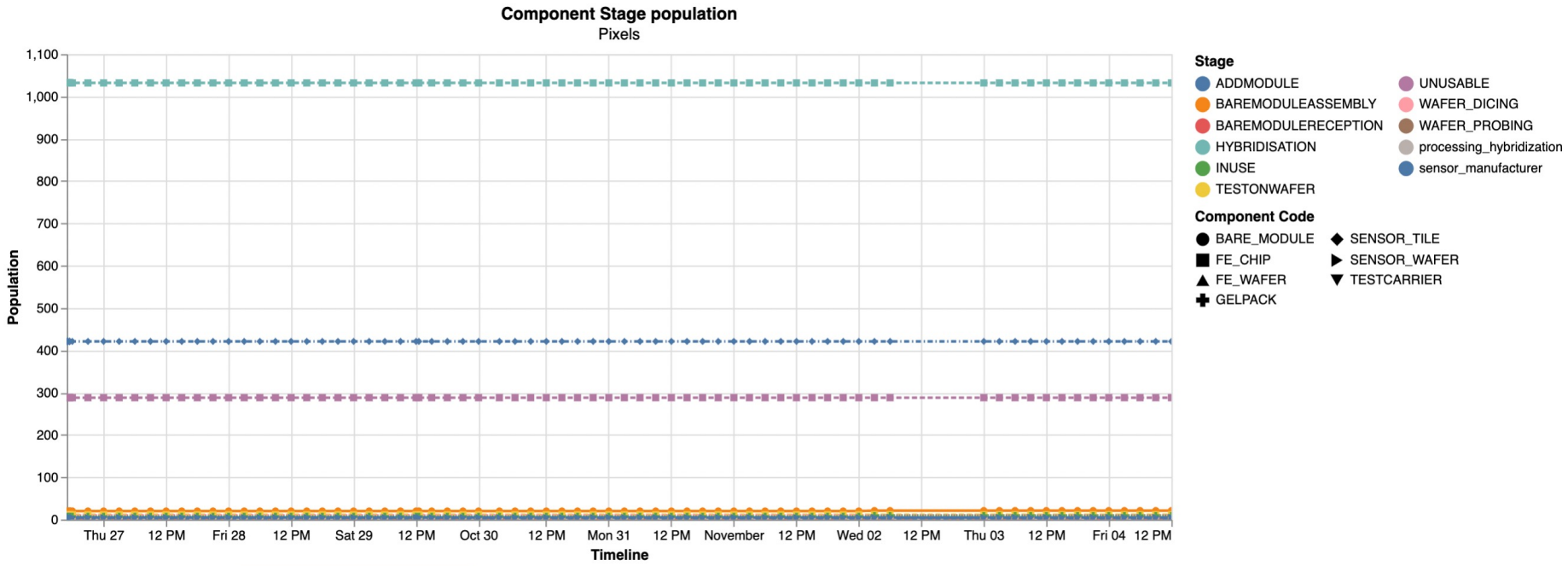
Type Code: null

Component Stage: null

Trashed: null

It works for pixels as well!

Institute: Fraunhofer IZM



Component Type Code: null

Component Stage: null

Important things to note

- Please use Underscores not spaces when inputting entries into the DB e.g: “BARREL LS MODULE” should be “BARREL_LS_MODULE”.
- I auto fix this in the code so if you can’t find your component note it will have underscores not spaces.

Links to all the Datapane reports

- RAL Strips Stage population
- UK-CHINA cluster component population
- RAL Strips Stage, Type and Trashed
- IZM Pixels Stage population

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Thanks for listening, any question?

Feel free to contact me at:
Zefran.Rozario@cern.ch