Bienvenue

أهلًا وسهلًا

Welcome

Willkommen

Bienvenido

Let us know who you are in our shared Community Notes doc:

https://rb.gy/bkhpsf

Agenda

- Welcome / IoP Alliance Updates
- Valueflows
- OKF Visual Vocabulary
- Next Steps and Community Involvement

Reminder: Community Notes

https://rb.gy/bkhpsf

IoP Alliance Community Updates

Recent changes, upcoming programming, and events

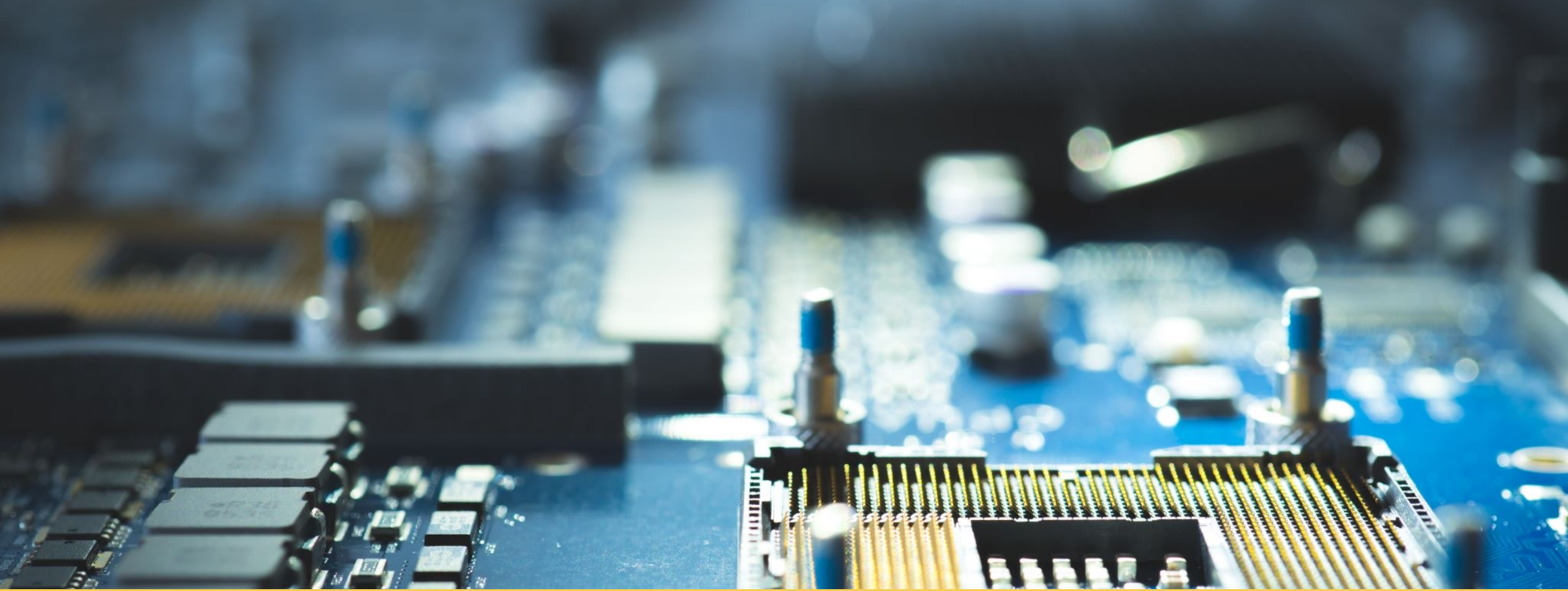
Updates on the IoP Alliance

- People and Skills Standard:
  - Survey collaboration with mAkE rolled out week of Feb 20th
  - Draft of beta version of data standard ETA mid-March; will be calling for working group participation
- Research and Innovation Systems for Africa (RISA) Award:
  - Announcement of site selection TODAY, Feb 28
- Code for Society Incubator Award:
  - Focus on Governance
  - Cohort kickoff: Mar 6
- OKW Open Manufacturing Mapping Awards
  - Applications currently under review by panel
  - Announcement of awardees Mar 15

What's Next with the IoP Alliance

Happening This and Next Week!

- Alliance gathering in Hamburg
  1st & 2nd March 2023
- FabCity Hamburg / Interfacer event
  3rd & 4th March 2023
- Alliance workshop in Hamburg 5th of March 2023
- OTFN Software and Hardware Hackathon in Hamburg 6th and 7th of March 2023



Valueflows and OKH-LOSH

Speaker: Lynn Foster

Valueflows

Valueflows is a standard vocabulary

- Valueflows describes flows of economic resources of all kinds within distributed economic ecosystems
- Its purpose is to enable inter-networking among many different software applications, used by many different kinds of economic formations
- Examples are value networks, supply chains, joint ventures, business collaboration networks…. as well as individual cooperatives and other organizations
- Valueflows supports
  - Exchange/transfer (mutual credit, marketplace, e-commerce, offer/request matching, gift economy, contribution economy, mutual aid, etc.)
  - Production/creation (manufacturing, supply chains, distribution, digital and knowledge works, services, etc.)

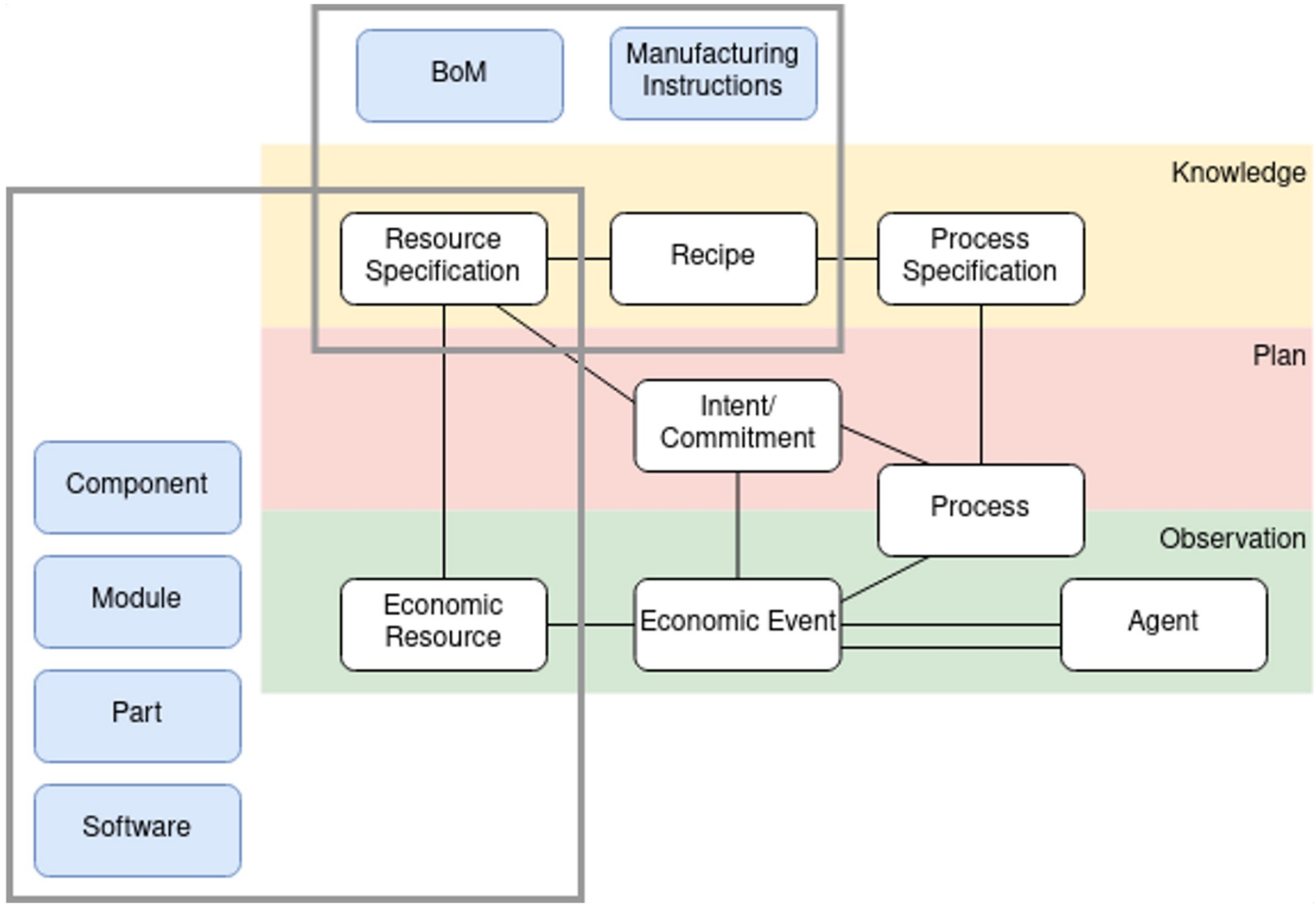
Valueflows and OKH

- VF and OKH are similarly expressed as RDF specifications
- VF and OKH are both committed to open knowledge
- VF and OKH are complimentary, and have two areas of overlap:
  - Most of what is represented by OKH are considered VF economic resources (component designs, parts, software, documentation, etc.)
  - The OKH BoM and instructions are roughly equivalent to the VF recipe
- Both VF and OKH are being used in the FabCity project, and making use of the first overlap (crawling OKH-LOSH data on the web and saving it as VF economic resources), but not the second (they are saving OKH design information, but not using VF recipes or planning capabilities)

Potential Maker Workflow

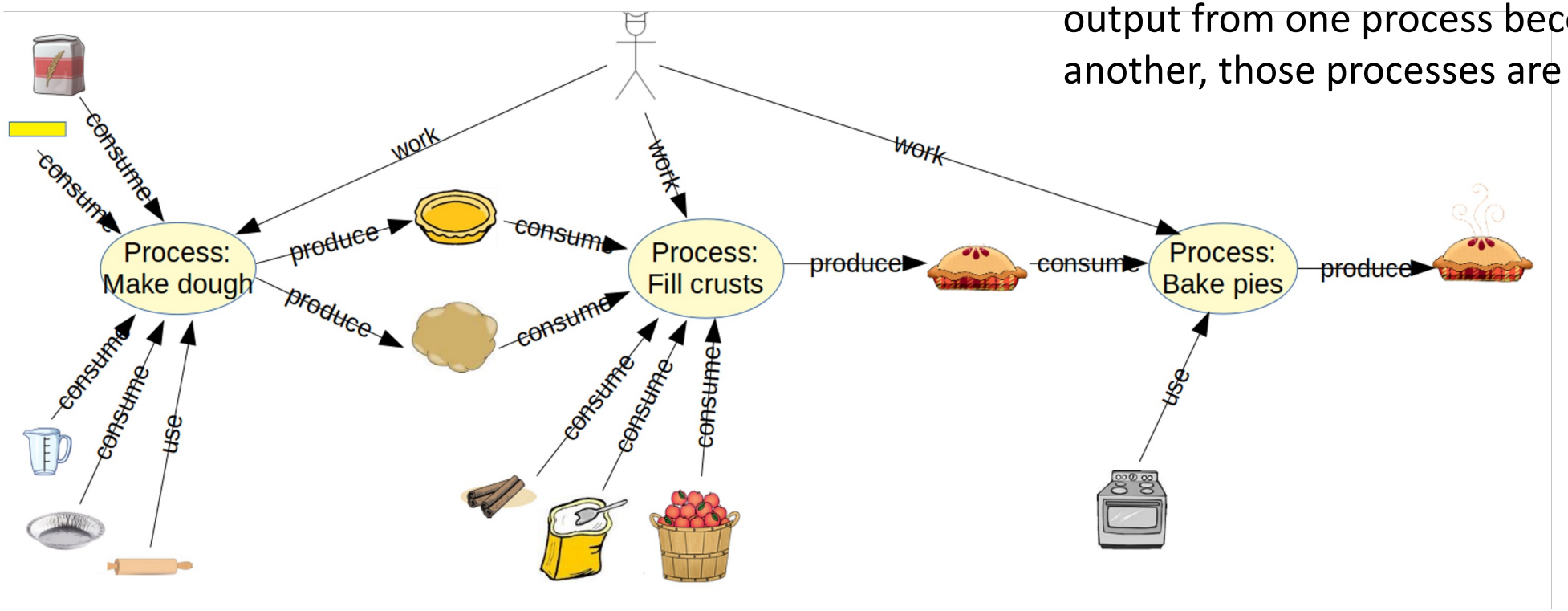
- (OKH) Designer creates designs and other artifacts (can be collaborative)
- (OKH) Designers and makers can discover open designs
- (OKH > VF) Recipes can be created from designs and maker doc
- (VF) Makers plan to make something using a recipe (can be distributed)
- (VF) Makers use the design and maker documentation to create something
- (VF) Makers can credit the design (and other contributions)
- (VF) Makers might sell the final product
- (VF) Makers can reward the designer and other contributors from the income

Valueflows and OKH models



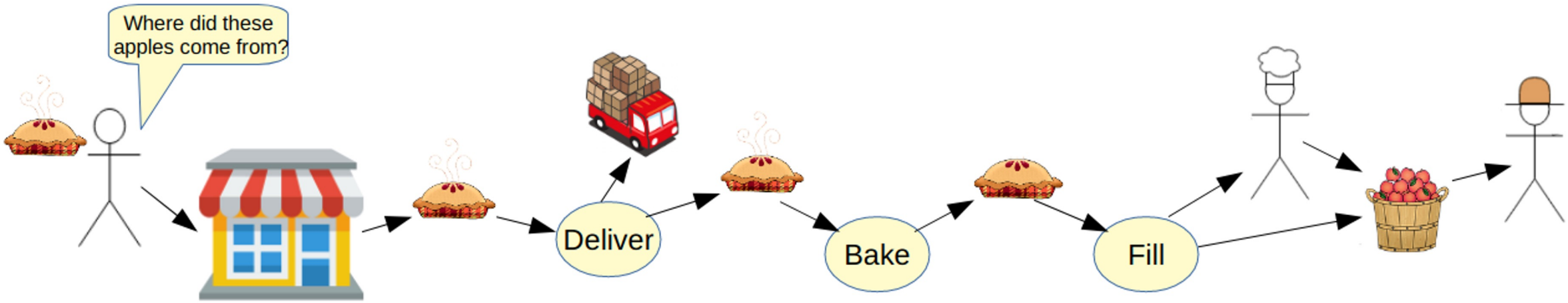
VF Recipe: input-process-output

The basic pattern for modeling VF resource flows is input-process-output. When an output from one process becomes an input to another, those processes are connected.



Processes can be defined at whatever level makes sense. For example, they might be defined at the level of a “step” or “page” in the maker documentation.

Tracing contributions

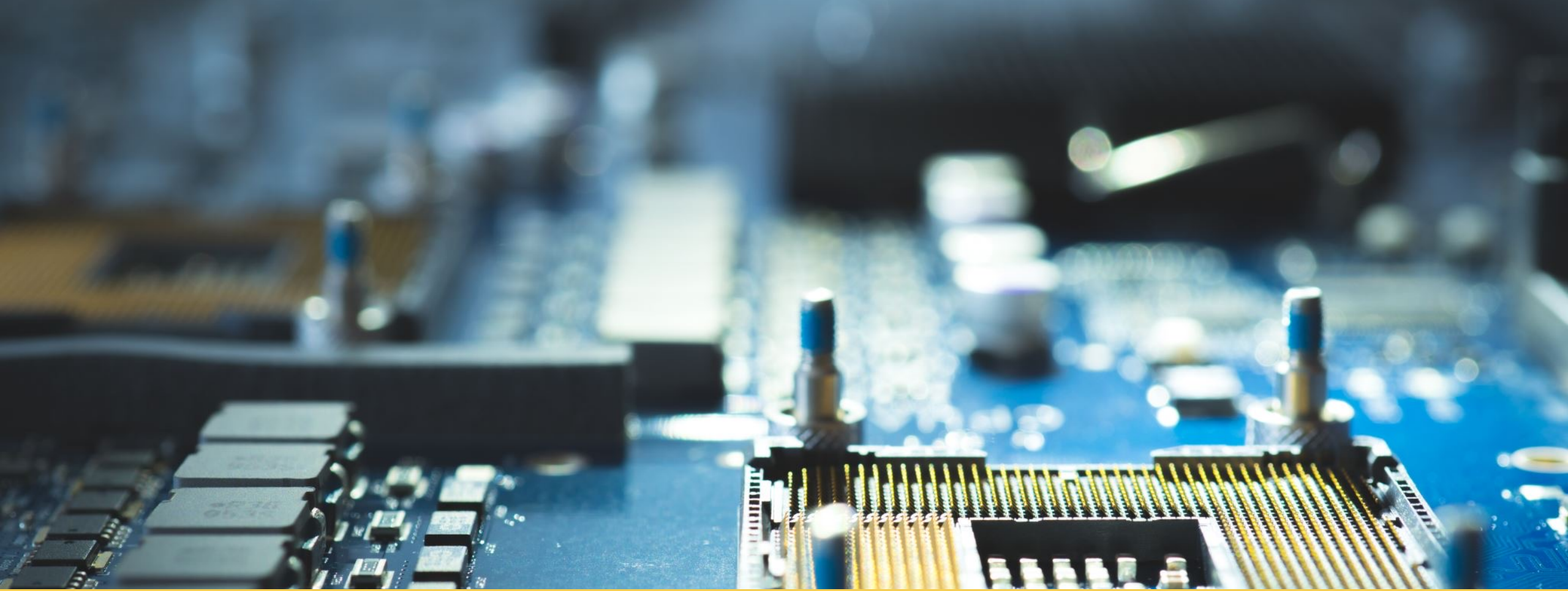


This is apple pies, but the same principle would be used for a fabricated item. VF based software can look backwards through the resource flows and find everything that went into making the item, including the design itself, parts, sub-components, equipment used, work done by people at each step.

Valueflows

Thank you!

https://valueflo.ws



OKF Visual Vocabulary

Speaker: James Butler

NEXT STEPS AND COMMUNITY INVOLVEMENT

How can we take this work to continue fostering community engagement and development in this space, building on the research that has been conducted, and the work that is ahead of us?

Open Discussion

How can we take this work to continue fostering community engagement and development in this space, building on the research and development that has been done, and the work that is ahead of us?

https://rb.gy/bkhpsf

Thank you for joining us

Please get in touch if you have any questions or queries:

Twitter: @IoP_Alliance, @openknowhere

Email: info@internetofproduction.org

Join our community discussion:

https://community.internetofproduction.org