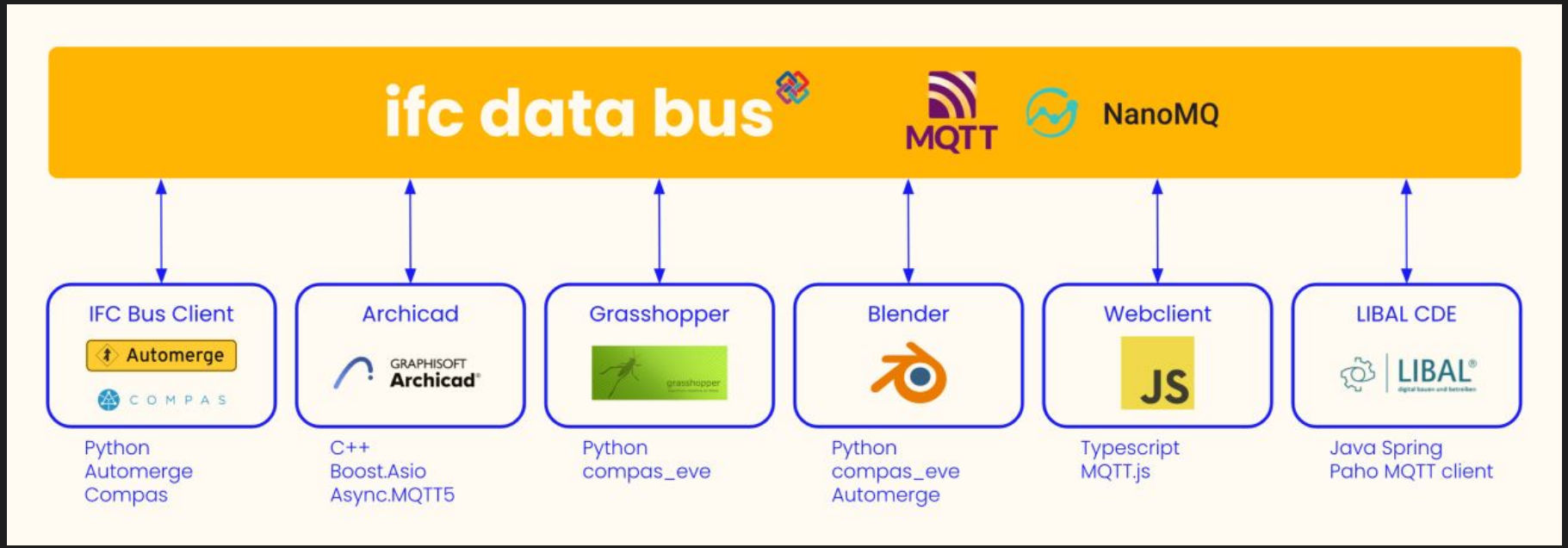
"ifc-data-bus": "0.2.0"

```
// Today's one-way street
run_export("model.ifc");
```

```
// What the industry needs
publish({ … });
subscribe({ … });
```

```
// The ecosystem we envision
agent
  .connect('my-ifc-data-bus')
  .subscribe('LCA.ids')
  .publish('LCA-result.ids')
  .run();
```

// We implemented the
// v0.1 in Zurich 01/25



Envisioned workflow
We envision a workflow with publish-and-subscribe semantics, built upon the openBIM standards IFC, IDS, bSDD to propagate model changes such as buildups & materials across an ecosystem of tools.
CAD | CDE
analysis tool 1
...
analysis tool N
publish & subscribe
ifc data bus

AEC HACKATHON
Zurich Edition '25
Network partners:
PIRMIN JUNG
META XO
BEST
MASHUP
PROJECT
IFC
DATA
BIIS
AEC Hackathon Zurich Edition 2025

// The challenge

- Solve the hard problem of conflict resolution by leveraging IFC5
- Learn about IFC5 and event driven systems
- Publish an awesome Demo!:)

vyzn

Let’s code!