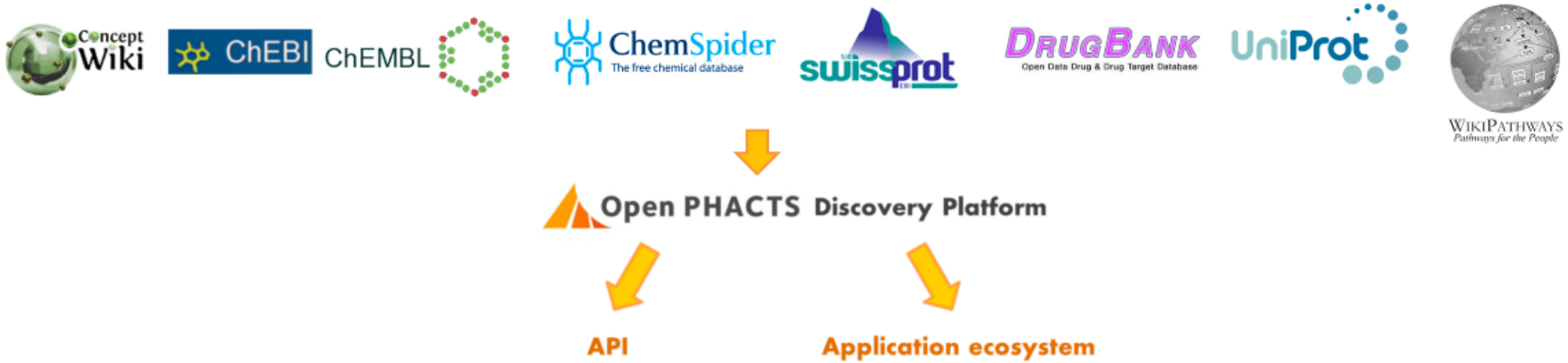
The Open PHACTS Foundation

OPF is a not-for-profit membership organisation, supporting the Open PHACTS Discovery Platform:
A sustainable, open, vibrant and interoperable information infrastructure for applied life science research and development.

To reduce the barriers to drug discovery in industry, academia and for small businesses, the Open PHACTS Discovery Platform provides tools and services to interact with multiple integrated and publicly available data sources. To integrate this data, extensive cross-referencing of scientific concepts is needed across all databases.

The Open PHACTS Foundation ensures the sustainability of the Open PHACTS Discovery Platform infrastructure and acts as a hub for relevant scientific research and development.



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Open PHACTS Mission:

Integrate Multiple Research Biomedical Data Resources Into A Single Open & Free Access Point

CHALLENGE 1: do we need other data to enable phenotypic screening workflows?

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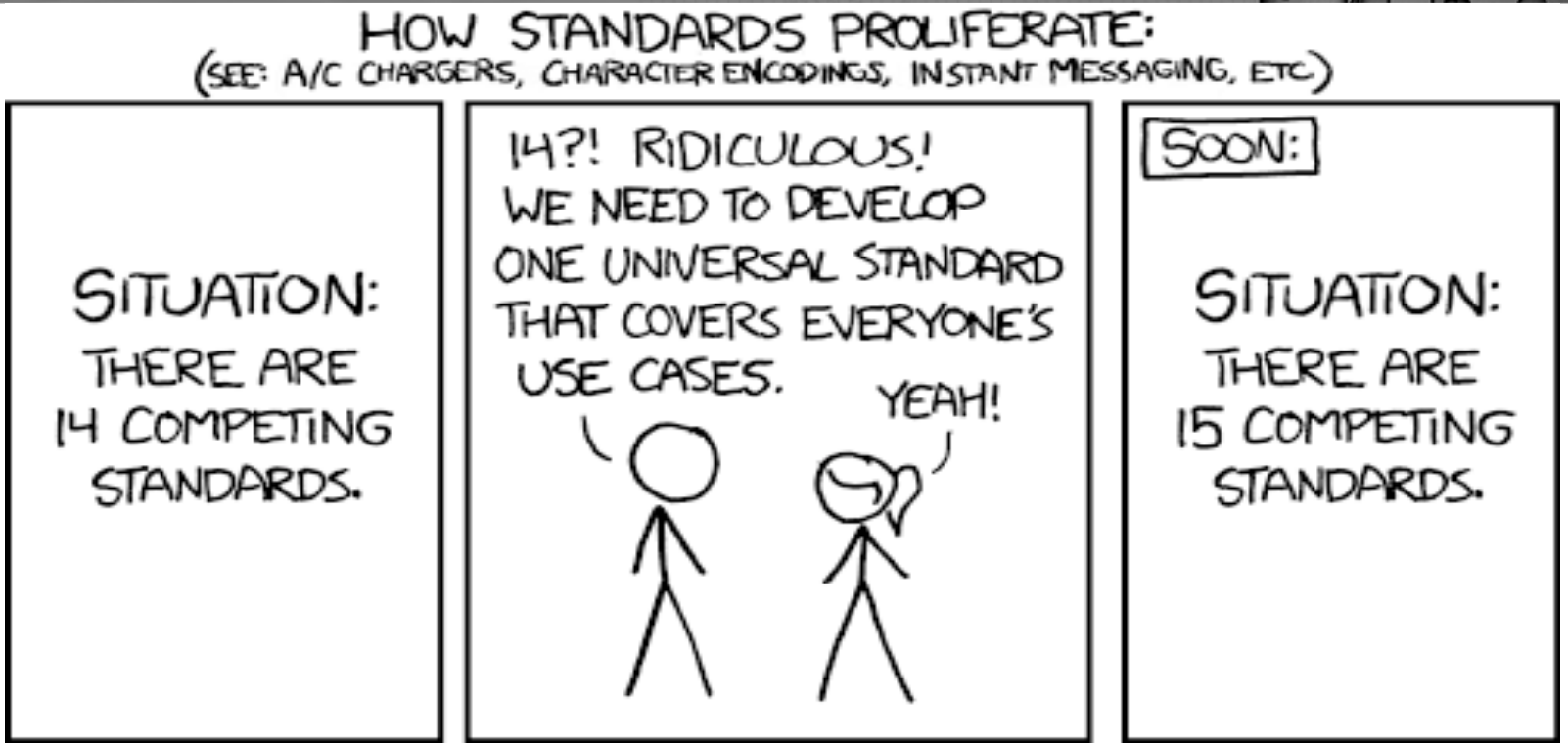

http://imgs.xkcd.com/comics/standards.png

We understand our current standards landscape
CHALLENGE 2: would phenotypic screening data bring us into 'raw data' and instrument/format standards?

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Challenge 3: How much manual data handling would be needed for us to handle new types of data for phenotypic screening?

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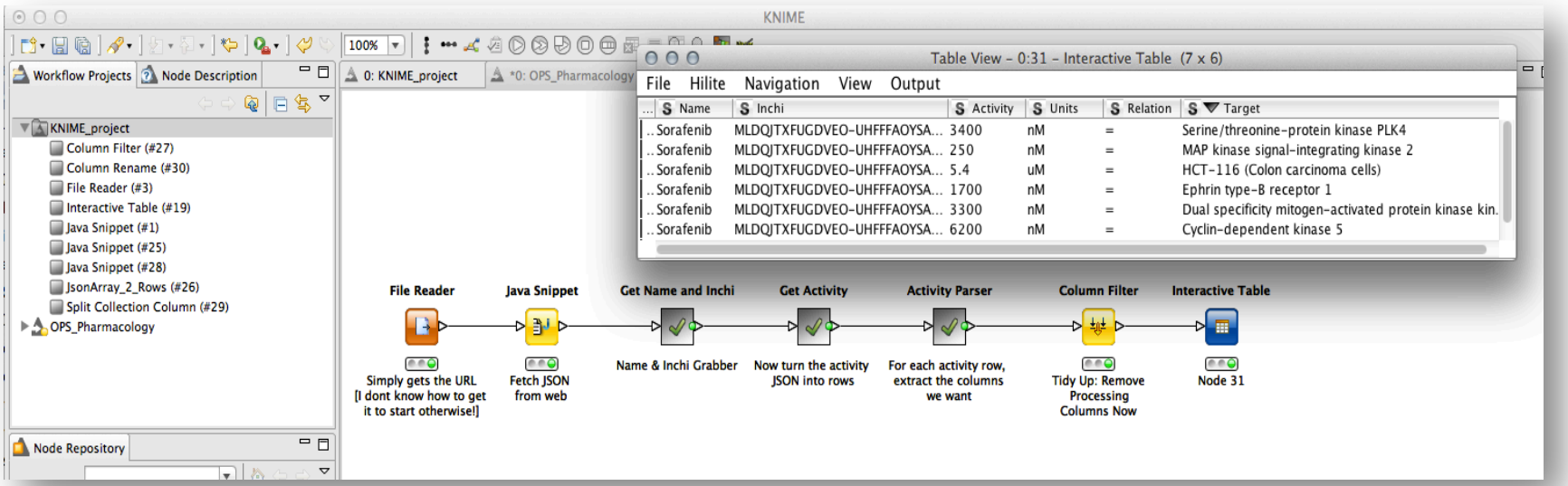

Challenge 4: do workflow components for phenotypic screening exist? What are the gaps? How do practitioners actually do this?