

IES | **Connectathon ENERGY**

SET-Plan Symposium on Interoperability
January 28-31 - 2019 - Vienna/Austria

Workshopday from Integration Profiles to Interoperability Testing

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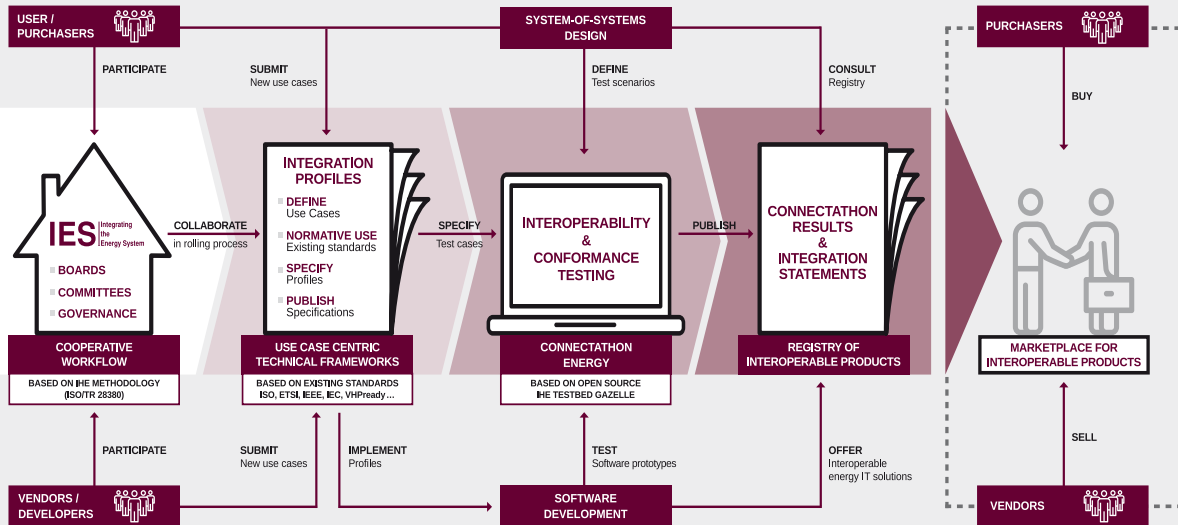
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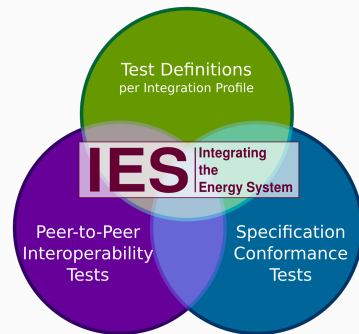
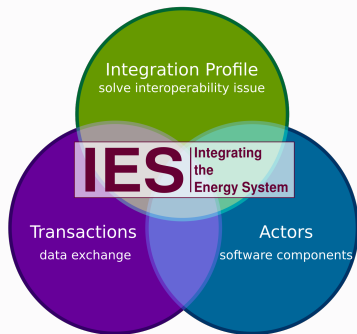
January 29th – 2019



Permanent link to this comic: <https://xkcd.com/927/> [CC BY-NC 2.5]

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Cooperative teams of volunteers
support each other
to cover all.

Integration Profile Development

Use Case proposals

name interoperability issues

Shortlist most demanded

assign planning committees

Post work plans

invite the IES community

Jointly evaluate solution options

establish technical committees

months prior Connectathon Energy

-7

-6

-5

-4

-3

-2

-1

Release profiles for implementation

Assign resources to planned implementations

decide what to test at upcoming event

Register systems and intended profiles to test

start pre-testing, provide feedback on test plans

Systems registration

closure of systems and profiles registration

Attendees registration

closure of participant registration → billing

Announcement of IES profiles that cannot be tested

due to insufficient number of system registrations

Deadline for pre-Connectathon testing

evaluate pre-testing results uploaded

Connectathon Energy

Post new Use Cases

for review by IES community

Collect feedback on newly defined Use Cases

integrate feedback and write profile specifications

Post new Integration Profiles

for review by IES community

Collect feedback on new/revised Integration Profiles

integrate feedback and finish profile specifications

Release profiles for implementation

+1

+2

+3

+4

+5

months after Connectathon Energy

Publish success

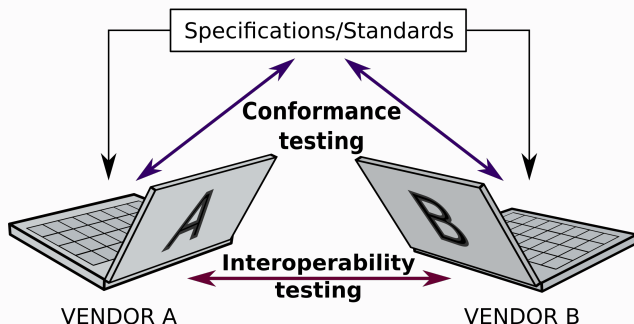
update Results Browser

Integration Statements

issue and add to repository

Connectathon Energy Participation

work together \Leftrightarrow communicate + understand + know + trust



Interoperability:

- Legal
- Semantical
- Syntactical
- Technical
- Operational

[ITU-T Z.450]: "Testing to **assess the ability of two or more systems** to exchange information and **to make mutual use of the information that has been exchanged.**"

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www.smartgrids.at/integrating-the-energy-system-ies/cat-energy-2019.html