

PEPPOL Directory



Why PEPPOL Directory

- 1) Easier to discover PEPPOL-enabled trading partners
- 2) Find business contact information
- 3) Simplify on-boarding
- 4) Simplify issue resolution
- 5) Speed PEPPOL expansion beyond mandatory use

PD Specifications

<http://bitly.com/PEPPOL-Directory-Spec-200116>



Specification



OpenPEPPOL AISBL



**PEPPOL Transport Infrastructure
ICT - Models**



PEPPOL Directory
(formerly PEPPOL Yellow Pages)



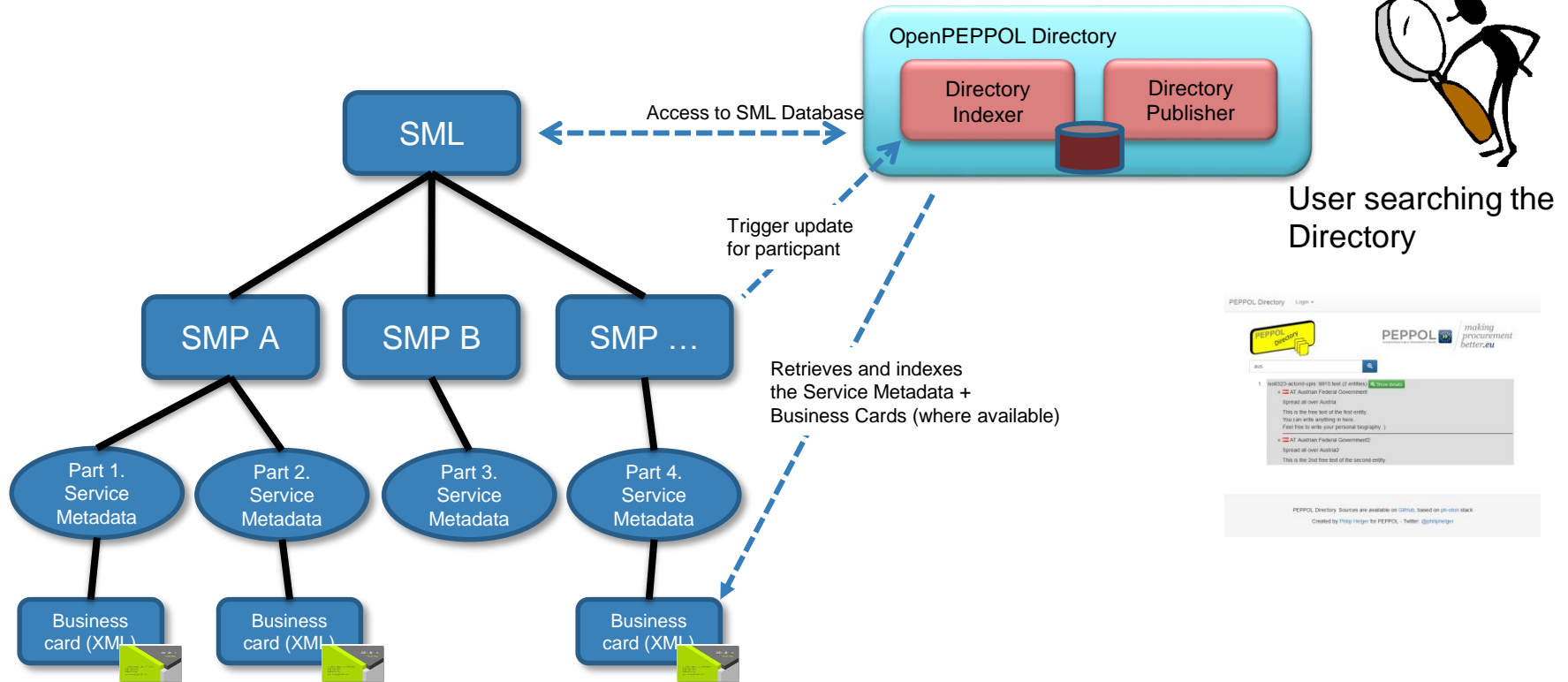
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PD Architecture



Architecture Overview



PEPPOL SMP providers:

Publish party information in a XML based Directory “business card” alongside a “technical profile” that exposes the SMP’s technical profile

PEPPOL Directory Search



PEPPOL central index service:

Indexes the electronic business cards published by SMP Providers, making it possible to perform search on PEPPOL users based on the information found in the Directory “business cards”.



User search:

When a user wants to retrieve information about any PEPPOL participant, the PEPPOL Search Service will provide that information using the indexed “business cards”, retrieving actual data ONLY when requested by the user. This ensures that only valid (current) data is retrieved, eliminates the need for recurring updates thus ensuring full data integrity.

Live Demo

<http://pyp.helger.com> (Search for “test”)





PEPPOL
PAN-EUROPEAN PUBLIC PROCUREMENT ONLINE



*making
procurement
better.eu*

austria 

1. iso6523-actorid-upis::9915:test (2 entities)  Show details

o  AT Austrian Federal Government

Spread all over Austria

This is the free text of the first entity.

You can write anything in here...

Feel free to write your personal biography :)

o  AT Austrian Federal Government2

Spread all over Austria2

This is the 2nd free text of the second entity.

Updated for testing

PEPPOL Directory. Sources are available on [GitHub](#), based on [ph-oton](#) stack

Created by [Philip Helger](#) for PEPPOL - Twitter: [@philiphelger](#)

What SMPs need to do?

- 1) Update SMP code
- 2) Gather Business Card data from AP providers
- 3) Indexing
- 4) Testing
- 5) Production

To Update

PD Next Steps

- | | |
|---|------------|
| 1) Publication of European Commission Change Request for Review | 10th March |
| 2) Submission to OpenPEPPOL Review Board for approval | 19th April |
| 3) Acceptance by EC tech team | 30th June |
| 4) PEPPOL Directory in production on EC infrastructure | 1st Aug |

To Update

Backup

State of the work

Implementation has started

<https://github.com/phax/peppol-directory>

“Live” Demo version is up and running

<http://pyp.helger.com>

XML Schema for business information as SMP service group
Extension is stable

Example present: 9915:test

<http://test-infra.peppol.at/iso6523-actorid-upis::9915:test/>

Client library for SMPs to interact with the SMPs are work in
progress

Policy Q&A

Should it be mandatory to expose?

No, participation is optional but recommended

Is it the participant or the AP on behalf of the participant who provides info?

The AP on behalf of the participant

Who is responsible for the correctness over time of the information?

The contract between AP and participant

Only receivers currently in SMP – this will change though with the introduction of Message Level Response

Fears Q&A

Service Providers preferring to keep data private – fear of poaching?

The participant decides

Data Privacy – Who “owns” the Endpoint ID data?

For the Directory: the SMP provider who publishes it

Concerns about being spammed through PEPOL?

Unlikely because of the requirement for certificate

Fears about conceding access to or control of “internal” data to 3rd parties / competitors

Who will pay for it?

This must be handled in the contract between SMP provider and participant. Being part of the Directory is free.

What if AP providers do not comply?

Then they won't be indexed

What if customers object? (Ex-Directory option?)

Participation is optional – nothing happens

What about those already “on” PEPOL, how to capture backdated?

Special SML interface accessible to the Directory for catching “all participants”.