PEPPOL Directory

http://pyp.helger.com
https://directory.peppol.eu (soon)
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

OpenPEPPOL AISBL

PEPPOL Transport Infrastructure
ICT - Models

PEPPOL Directory
(formerly PEPPOL Yellow Pages)

Version: 1.0-20161128
Status: DRAFT

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PD Architecture

OpenPEPPOL Directory

Directory Indexer

Directory Publisher

Access to SML Database

SML

SMP A

SMP B

SMP ...

User searching the Directory

Retrieves and indexes the Service Metadata + Business Cards (where available)

Trigger update for participant

Part 1. Service Metadata

Part 2. Service Metadata

Part 3. Service Metadata

Part 4. Service Metadata

Business card (XML)

Business card (XML)

Business card (XML)

Business card (XML)
4.1.1 Example DDL

The following MySQL DDL is taken from [phoss] and shows how it can be done:

```
DROP TABLE IF EXISTS `smp_bce`;
CREATE TABLE `smp_bce` (  
`id` varchar(45) NOT NULL COMMENT 'Internal ID',
`pid` varchar(255) NOT NULL COMMENT 'Participant/Business ID',
`name` text NOT NULL COMMENT 'Entity name',
`country` varchar(3) NOT NULL COMMENT 'Country code',
`geoinfo` text COMMENT 'Geographical information',
`identifiers` text COMMENT 'Additional identifiers',
`regdate` date DEFAULT NULL COMMENT 'Registration date',
PRIMARY KEY (`id`),
KEY `FK_pid` (`pid`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1 COMMENT='SMP Business Card Entity';
```
Live Demo

http://pyp.helger.com (Search for “GB”)

1. Participant ID: 0088:0827444000058 (EAN International)
   - Country: United Kingdom (GB)
   - Name: AMO United Kingdom Limited, C/O Abbott UK
   - Geographical information: Abbott House, Vanwall Business Park, Vanwall Road, Maidenhead, SL6 4XE

2. Participant ID: 9932:856922195 (United Kingdom VAT number)
   - Country: United Kingdom (GB)
   - Name: Alere International
   - Geographical information: Stannard Way, Priory Business Park, Bedford, MK44 3UP

3. Participant ID: 0088:5060233050000 (EAN International)
   - Country: United Kingdom (GB)
   - Name: Kodit UDI Solutions Ltd
   - Geographical information: Daresbury Innovation Centre, Keckwick Kane, Daresbury, Warrington, WA4 4FS
What SMPs need to do?

1) Update SMP code
2) Gather Business Card data from AP providers
3) Indexing
4) Testing
5) Production
What APs need to do?

1) Discuss plans with SMP provider
2) Gather initial Business Card data from participants
3) Upload to SMP Provider
4) Testing
5) Production
PD Next Steps

1) Completion of UI refresh 19th May
2) Publicity on PEPPOL.eu 30th May
3) Update Directory url to directory.peppol.eu 30th May
4) Code update to SMPs asap-ongoing
5) Collection of Endpoint Data for indexing asap-ongoing