



PXWeb

PXWeb presentation I3S 2021

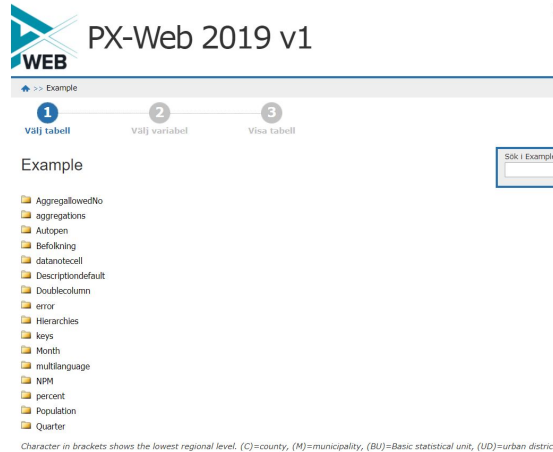
Background

PX-Web used for publishing statistics in a database at the web and is since 2016. ([Organisations](#))



Background

- Administration tool included for **configurations** of PX-Web.
- Can be **expanded** with custom code.
- **API:s & Saved Querys.**



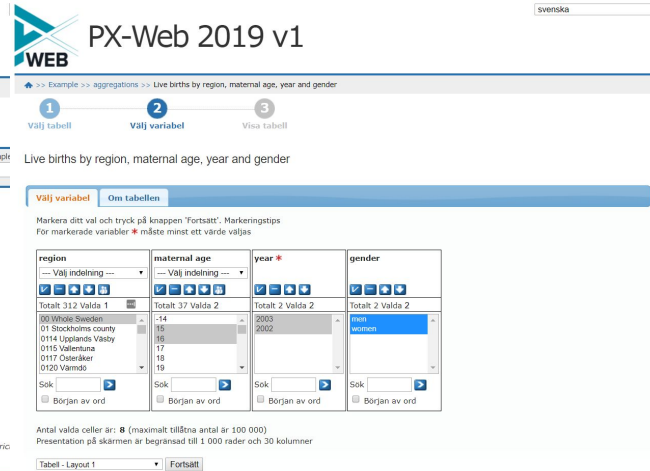
PX-Web 2019 v1

1 Välj tabell 2 Välj variabel 3 Visa tabell

Example

- Aggregations
- Autopen
- Befolkning
- datanoteccell
- Descriptiondefault
- Doublecolumn
- error
- Hierarchies
- keys
- Month
- multilanguage
- NPM
- percent
- Population
- Quarter

Character in brackets shows the lowest regional level. (C)=county, (M)=municipality, (BU)=Basic statistical unit, (UD)=urban district



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Live births by region, maternal age, year and gender

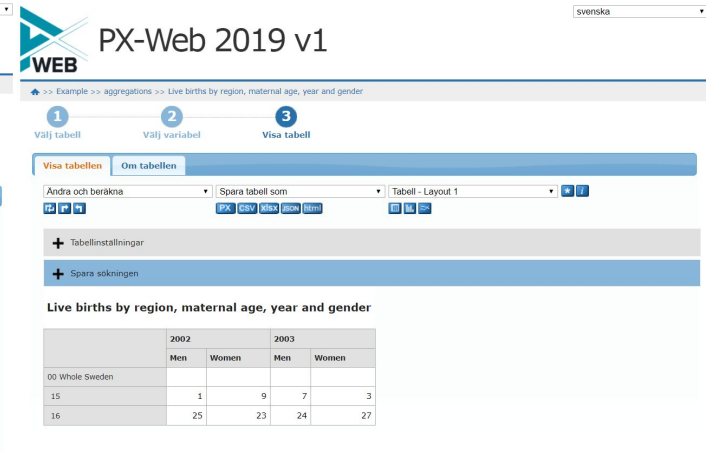
Välj variabel Om tabellen

Markera ditt val och tryck på knappen 'Fortsätt'. Markeringstips
För markerade variabler * måste minst ett värde väljas

| region | maternal age | year * | gender |
|----------------------|--------------|--------|--------|
| 00 Whole Sweden | -14 | 2003 | men |
| 01 Stockholms county | 15 | 2002 | women |
| 0114 Upplands län | 16 | | |
| 0115 Västmanland | 17 | | |
| 0117 Östergötland | 18 | | |
| 0120 Västergötland | 19 | | |

Antal valda celler är: 8 (maximalt tillåtna antal är 100 000)
Presentation på skärmen är begränsad till 1 000 rader och 30 kolumner

Tabell - Layout 1 Förbättra



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Visa tabellen Om tabellen

Andra och beräkna Spara tabell som Tabell - Layout 1

Tabellinställningar
Spara sökningen

Live births by region, maternal age, year and gender

| | 2002 | | 2003 | |
|-----------------|------|-------|------|-------|
| | Men | Women | Men | Women |
| 00 Whole Sweden | | | | |
| 15 | 1 | 9 | 7 | 3 |
| 16 | 25 | 23 | 24 | 27 |

Technical prerequisites

- PX-Web runs under IIS on a **Windows** machine.
- PX-Web I distributed in a **zip**-archive.

Objectives

- Publish PX-Web as a **shared service** for dissemination of statistics.
- Make PX-Web **Open Source** and an ongoing development to extend the functionality of the service.
- The transformation would include adapting to open standards such as **.NET Core** and HTML5 as well as assuring that the service can be used in cloud and/or **containerized** environments.

Distance to CSPA

PX-Web fulfils the following CSPA features:

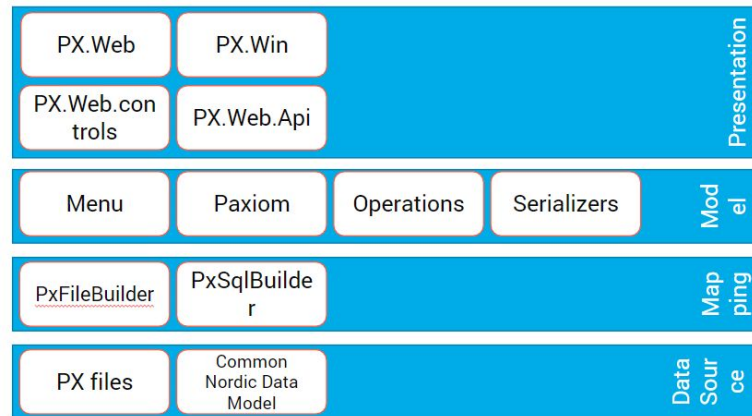
- F1. Documentation
- F2. Internationalization
- F6. Security solutions
- F8. Sandboxing for exploration([Demo](#))

In the near future we hope to fulfill the following CSPA features:

- F3. Open Source
- F9. Containerization

The original master plan service 2

- PX.Web Classic, version 2020v1 Maj 2020 Open Source
- Containerize version 2020v1
- PX.Web-API 2.0 .Net core summer 2020
- PX.Web Nextgen Planned to start after summer 2020
- Containerized version of the PX-Web Nextgen

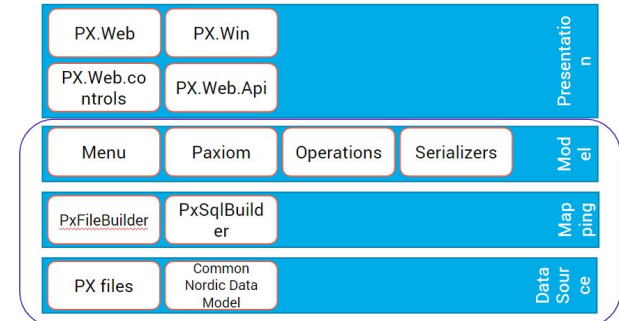


Today

- Version 2020v1 Maj 2020 OpenSource & containerized. All new development is done in Github
 - <https://github.com/I3S-ESSnet/PxWeb>
 - <https://github.com/statisticssweden/PxWeb>
- PX.Plattform upgraded to .Net Standard
 - Except for Search. Because of the lucene beta component.
- PX.WebComparer - The testing application.
- PX.Web-API presentation layer not done.
- PX.Web 2021v1 release this week (WCAG)

This document describes deliverable D1.3.1 of the I3S ESSnet.
 D1.*.1 deliverables are software packages that are « made available in a form usable for its packaging and installation on the platform provided by WP3, and including runnable software, source code, technical documentation and test reports » (from project submission).
 The following table give the addresses corresponding to these different elements.

| | |
|-------------------------------------|---|
| Software name | PxWeb |
| Software description | https://github.com/I3S-ESSnet/PxWeb |
| Code, documentation & Docker images | https://github.com/I3S-ESSnet/PxWeb/releases/tag/d1.3.1 |
| Test reports | https://travis-ci.org/tunejo/PxWeb |
| Quality report on tagged version | https://codeclimate.com/github/tunejo/PxWeb/builds/32 |
| Latest quality report | https://codeclimate.com/github/tunejo/PxWeb |



The new master plan

- PX.Web 2021v2 release this week (WCAG) end of 2022
 - Extracted search component
 - Elastic Search implemented
- PX.Web-API end of 2022
- PX.Web Nextgen unknown