Other tools

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Introduction

One underlying rationale of the modernization of official statistics is the standardization of statistical production processes in order to create and share generic software tools, performing well defined tasks, across statistical institutions. While most of such tools are still to be developed, the present page lists software and other tools designed to assist in implementing some of the concepts supporting the modernization process.

Documentation and support

Document	Content	Language
Conference of European Statisticians Sixtieth plenary session, Paris, 6-8 June 2012 - **"The High-Level Group for Strategic Developments in Business Architecture in Statistics - Principles and guidelines on building multilingual applications for official statistics"**	The importance of providing software that can be used in more than one language or country has increased but the lack of multilingual support is one of the main barriers to collaboration regarding statistical software. Thus the Sharing Advisory Board has developed the current document which outlines a useful set of principles and guidelines for software developers. These principles aim to give practical advice on how to make applications language independent from the start, which is more efficient than trying to add multilingual capabilities at a later stage. The High-level Group on Business Architecture in Statistics endorsed the guidelines and recommended their implementation by all statistical organizations.	ENG RUS
Software Inventory	The software sharing is maintained by the Sharing Advisory Board (SAB) . Different software refers to different phases of the Generic Statistical Business Process Model. For each of them a number of characteristics are listed such as their main purpose, input and output formats and where a more exhaustive documentation can be found. The list of software is either in alphabetical order or ordered by GSBPM phases and sub-processes. In the same page, the criteria for compliance with the HLG-BAS vision are also listed.	ENG

Common Statistical Production Architecture (CSPA)	At the Workshop on Strategic Developments in Business Architecture in Statistics, held in Geneva in November 2012, the High-Level Group for the Modernisation of Statistical Production and Services (HLG) and representatives of over 20 expert groups identified two key priorities for work related to statistical modernisation for 2013. One of these priorities is to create a Common Statistical Production Architecture for the world's official statistical industry. This is often referred to as a “plug and play” architecture, as the aim is to make it easier for each country to combine the components of statistical production, regardless of where the components were developed, based on common standards.	ENG
Open data	Governments in many countries are developing policies to make all sorts of official data more easily available to the public.The growing political focus on "open data" raises many challenges for official statistics, cutting across all domains, both in terms of inputs and outputs.	ENG
Big data	The Paris side of the MSIS 2013 meeting decided that Big data is a key issue for official statistics. This page is for sharing links to resources / ideas / information / plans etc.	ENG