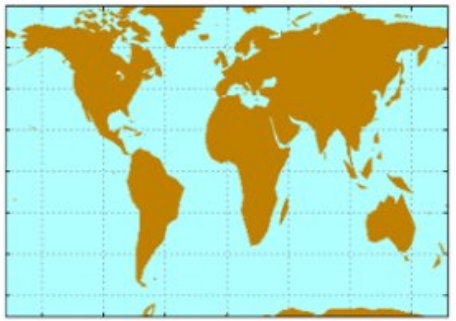
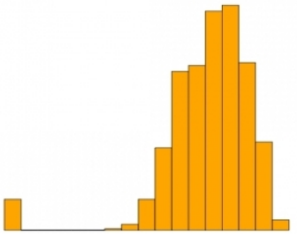
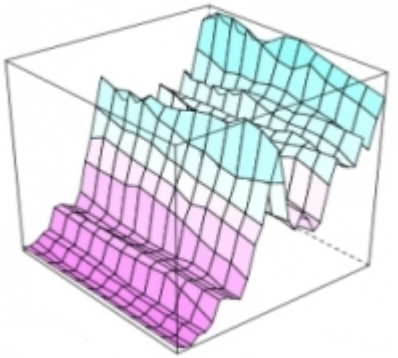
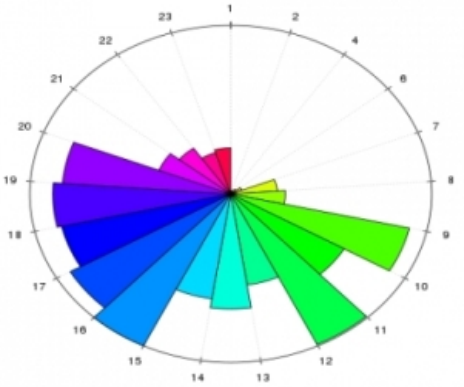
hanstat

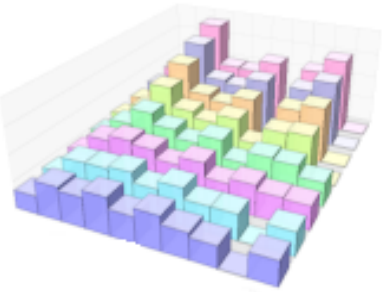
have a nice statistics ...











... with a web application for reporting and data analysis

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Searching for information

The data and the information that can be extracted from them, are the key to understand the processes and phenomena of the various human activities.

Understanding what is hidden in a list of data, reporting two or more variables of an event, their representation in graphs, are just some of the activities that today any organization has to face, from small business to research bodies.

hanstat fits into this context: it is created to allow easy extraction of information from databases and displays them faster, while also allowing advanced statistical analysis, using a performance-oriented development, safety and versatility.

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General features (1)

- ***Web-based***
  It's a web application, no need of client installation package
- ***Simple***
  It's simple to use, no need to know SQL
- ***Flash***
  You can make high quality Adobe Flash plots
- ***Statistical analysis***
  You can make advanced statistical analysis with specific tool
- ***Exporting***
  You can export reports in many file format (PDF, Excel or OpenOffice sheet, XML, text)

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General features (2)

- ***Scheduler & mail alert***
  You can configure it for automatic report generation and you can send results to users by e-mail

- ***Security***
  Users and profiles management

- ***Internationalization***
  Available in english and italian

- ***Customization***
  Easy layout change by CSS style sheet

- ***Standards compliant***
  Compliance with standards XHTML 1.0 and CSS 2.1 (W3C)

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Technical features (1)

Here there is a list about technical aspects about ***hanstat***:

- **PHP** was used as main programming language; other parts of application are written in C language.
- **LAMP** (Linux, Apache, MySQL, PHP) is the operative platform
- web content is built with asyncronous request between client and server, using Javascript *object XmlHttpRequest*
- **MVC** (Model, View, Controller) was used as framework development
- Statistical analysis is performed with external tool (**R** & **gnuplot**)

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Technical features (2)

To work at 100%, ***hanstat*** needs web browser with *CSS*, *Javascript* and *Flash* compatibility. Now are supported:

- Gecko browser based
- KHTML e WebKit browser based
- Internet Explorer
- Opera

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Technical features (3)

Speaking about database, you can use main enterprises and Open Source products:

- *MySQL*
- *PostgreSQL*
- *Oracle*
- *MS SQL Server*
- *IBM DB2*
- *Firebird*
- *SQLite*

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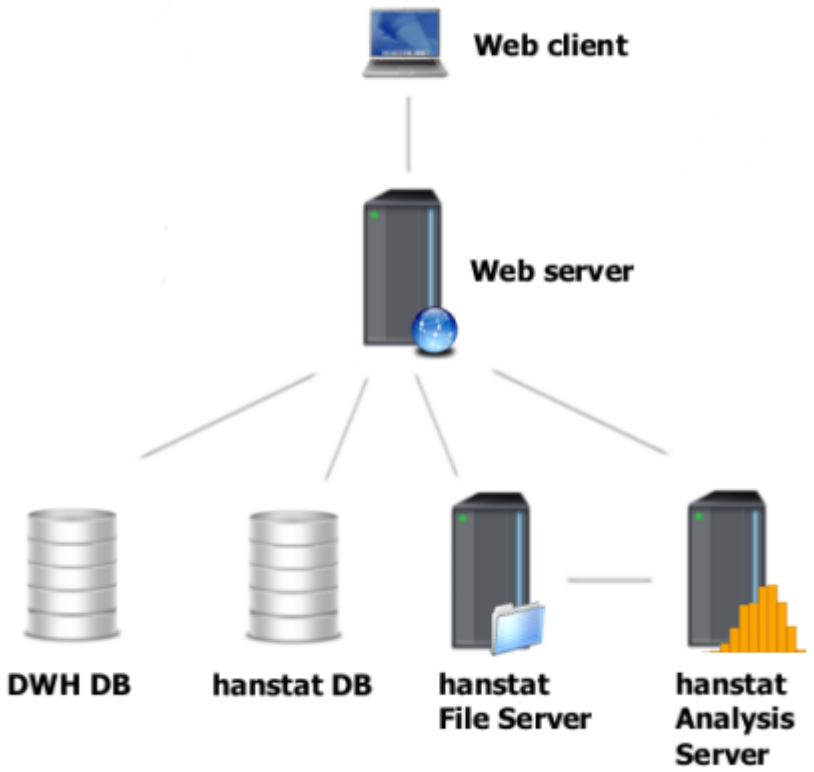
Technical architecture



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Screenshots (1)

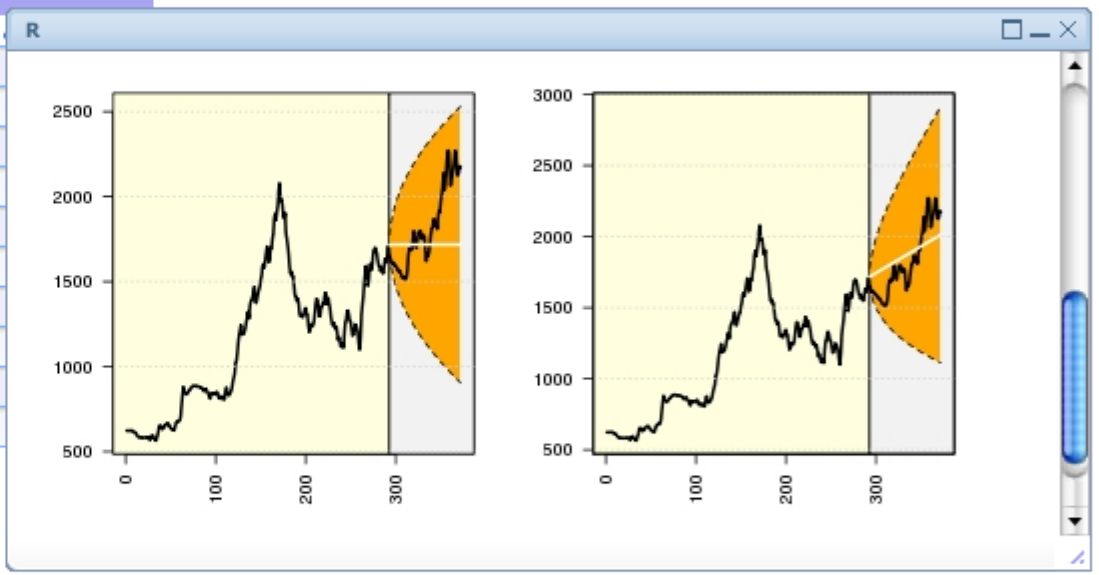
hanstat Gestione Impostazioni Strumenti Amministrazione **Utente:** admin *(demo)* **Tabella:** time_series_1

Report: **Esempio 1**
Tipologia: Serie temporali
Descrizione: Esempio 1
Data di creazione: 29-10-2008

Anno	Mese	Giorno	Valore
1960	Gennaio	1	
1960	Febbraio	1	
1960	Marzo	1	
1960	Aprile	1	
1960	Maggio	1	
1960	Giugno	1	
1960	Luglio	1	
1960	Agosto	1	
1960	Settembre	1	
1960	Ottobre	1	

Vai a:

Numero record: 372



Flash

- 3d paged test
- Andamento temporale
- Andamento temporale (non paginato)

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hanstat Screenshots (2)

hanstat **Gestione** **Impostazioni** **Strumenti** **Amministrazione** ***Utente:*** admin *(demo)* ***Tabella:*** un_urban_popolation

Report: **Popolazione per Anno vs Città**
Tipologia: Popolazione urbana (UN)
Descrizione: Popolazione per Anno vs Città
Data di creazione: 24-07-2008

Anno	Città										
	Bangkok, Thailand	Beijing, China	Bombay, India	Buenos Aires, Argent...	Cairo, Egypt	Calcutta, India	Chicago, U.S.A.	Delhi, India	Dhaka, Bangladesh	Essen, Germany	*Totale*
1980	4,70	9,00	8,10	9,90	6,90	9,00	6,80	5,60	0,00	6,30	***8,24***
1985	5,30	9,80	9,90	10,50	7,70	9,90	6,80	6,80	0,00	6,20	***8,93***
1990	5,90	10,80	12,20	11,20	8,60	10,90	6,80	8,20	6,60	6,40	***9,82***
1995	6,60	10,80	15,10	11,90	9,50	11,90	6,80	9,90	9,40	6,50	***10,67***
2000	7,30	10,80	18,10	12,60	10,60	12,90					
2005	8,10	11,00	20,90	13,20	11,60	14,10					
2010	9,00	11,50	23,60	13,70	12,70	15,60					
2015	10,10	12,30	26,10	14,10	13,80	17,30					
Totale	***7,13***	***10,75***	***16,75***	***12,14***	***10,18***	***12,70***					

Frame (1,1) di (1,4)

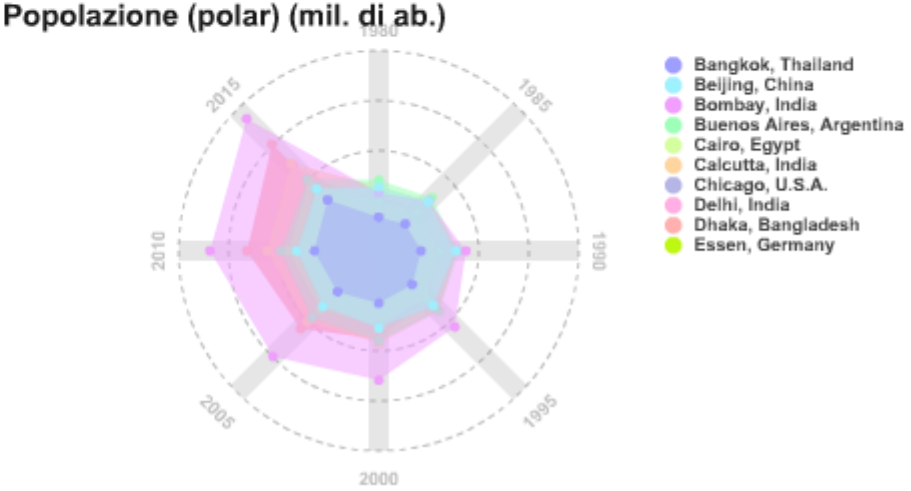
% *n°* %▶ %▼

Flash

Popolazione (ist. sovrap.) (mil. di abitanti)

Grafico

Popolazione (polar) (mil. di ab.)



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Ways to use it

Looking at its own nature of general purpose software, ***hanstat*** is usefull in many different environment, both in small or medium enterprises and public organization.

It can be delivered in three ways:

- remote service ASP (*Application Service Provider*)
- providing a "*white box*"
- installed on customer hardware

For every solution, it's available a consulting service for statistical analysis and training.

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Contacts and info

For more informations or to ask a demo:

info@macsun.it

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