



**OW2**  
Consortium



## **Quality, monitoring and evaluation**

April 1st, 2009

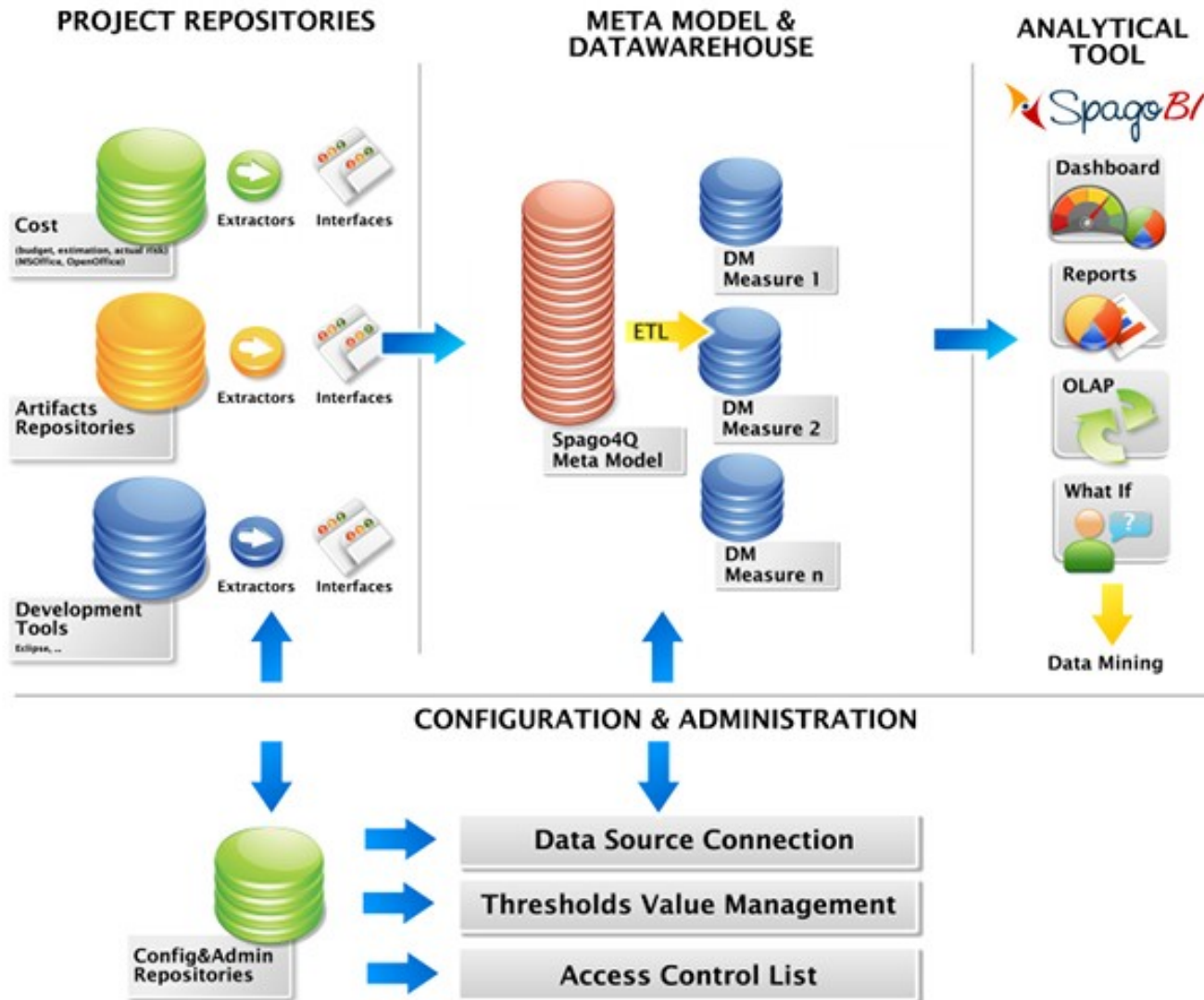
**Gabriele Ruffatti**  
**Davide Dalle Carbonare**

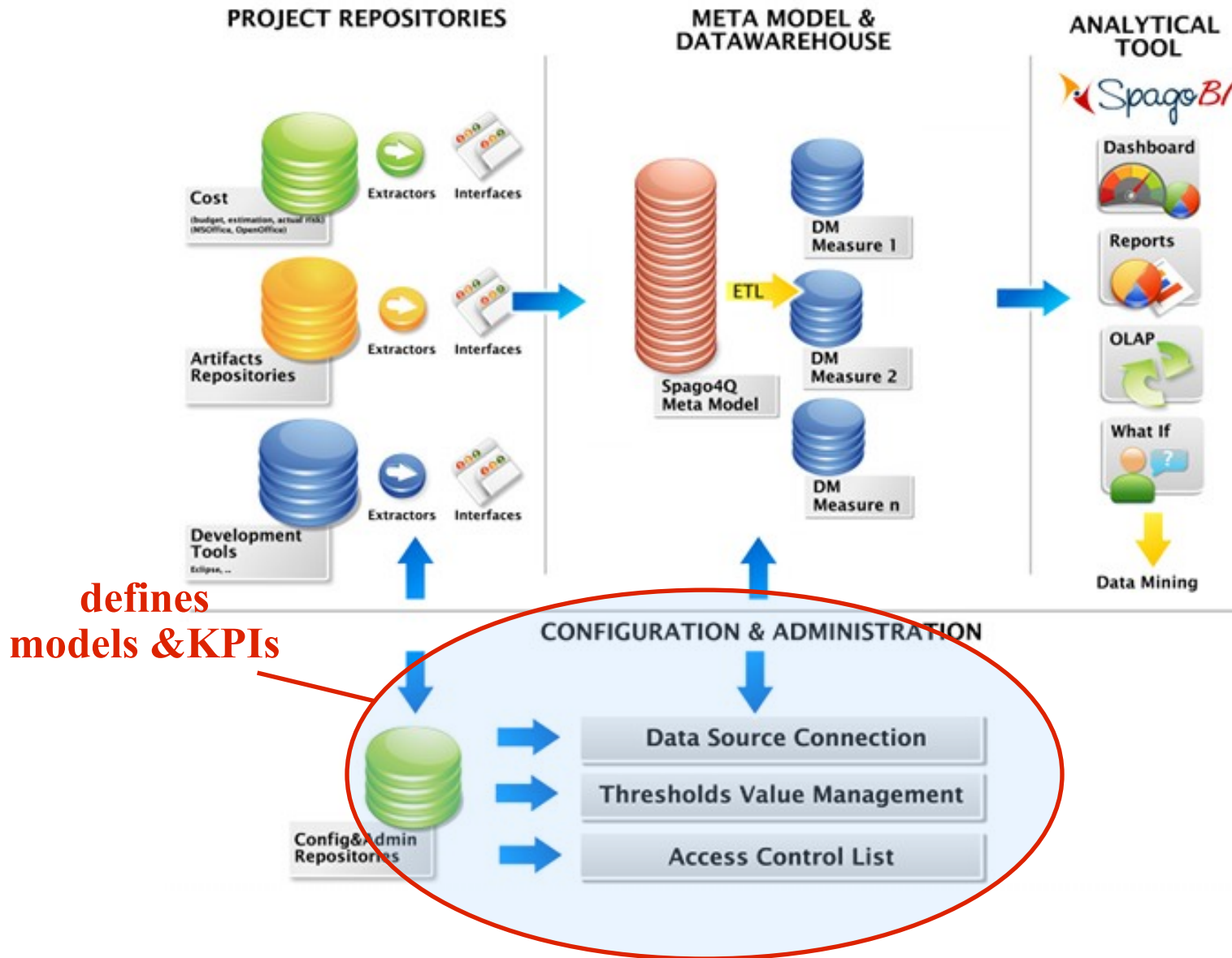
**Engineering Group**  
[gabriele.ruffatti@eng.it](mailto:gabriele.ruffatti@eng.it)  
[davide.dallecarbonare@eng.it](mailto:davide.dallecarbonare@eng.it)

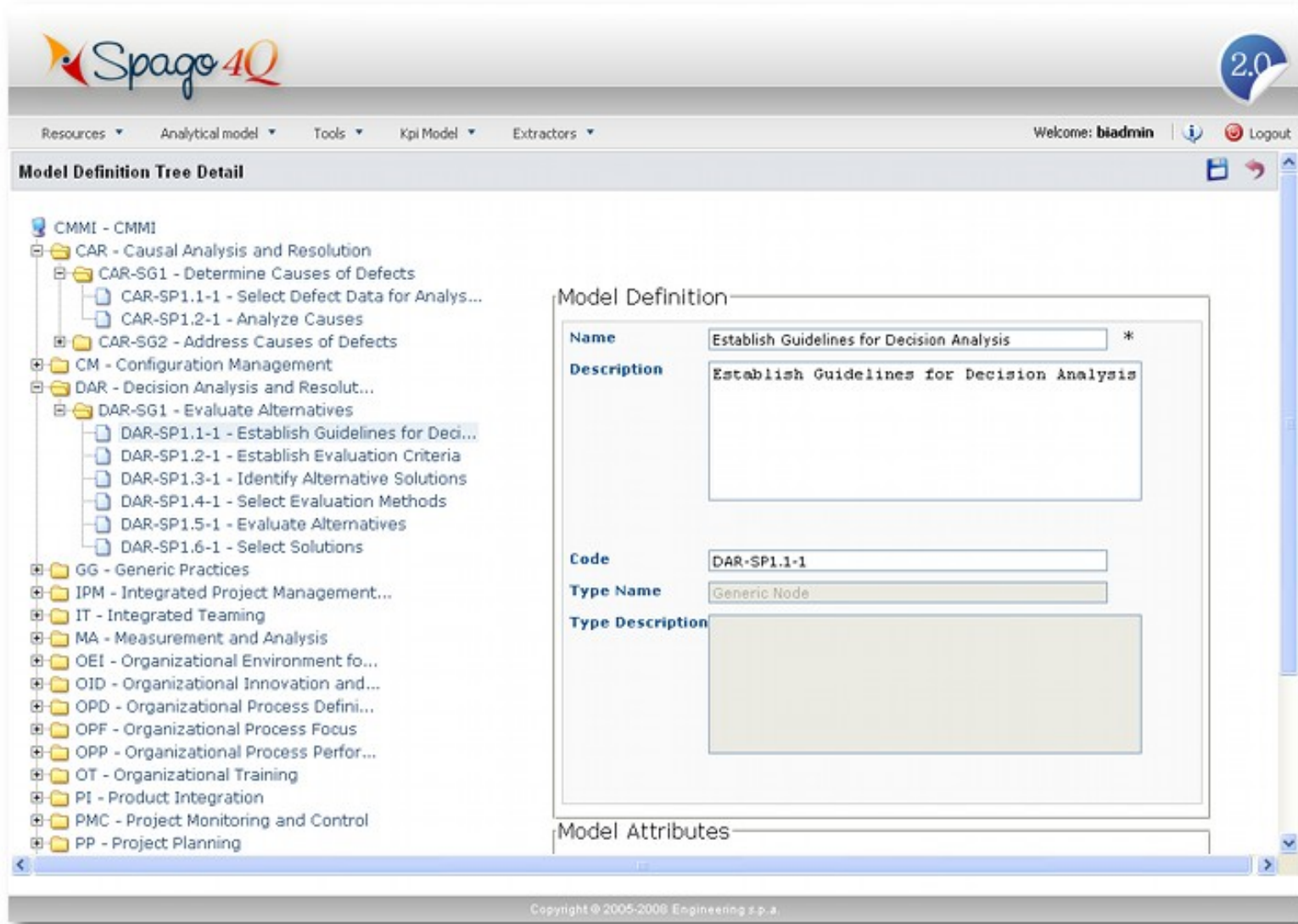
## Spago4Q

- defines models (*based on Goal Question Metrics or assessment framework CMMI, ISO9001-2000*)
- defines KPIs and thresholds
- defines required data
- extracts information from measurement tools
- calculates KPIs
- displays the KPIs results
- produces analytical documents

# Architecture



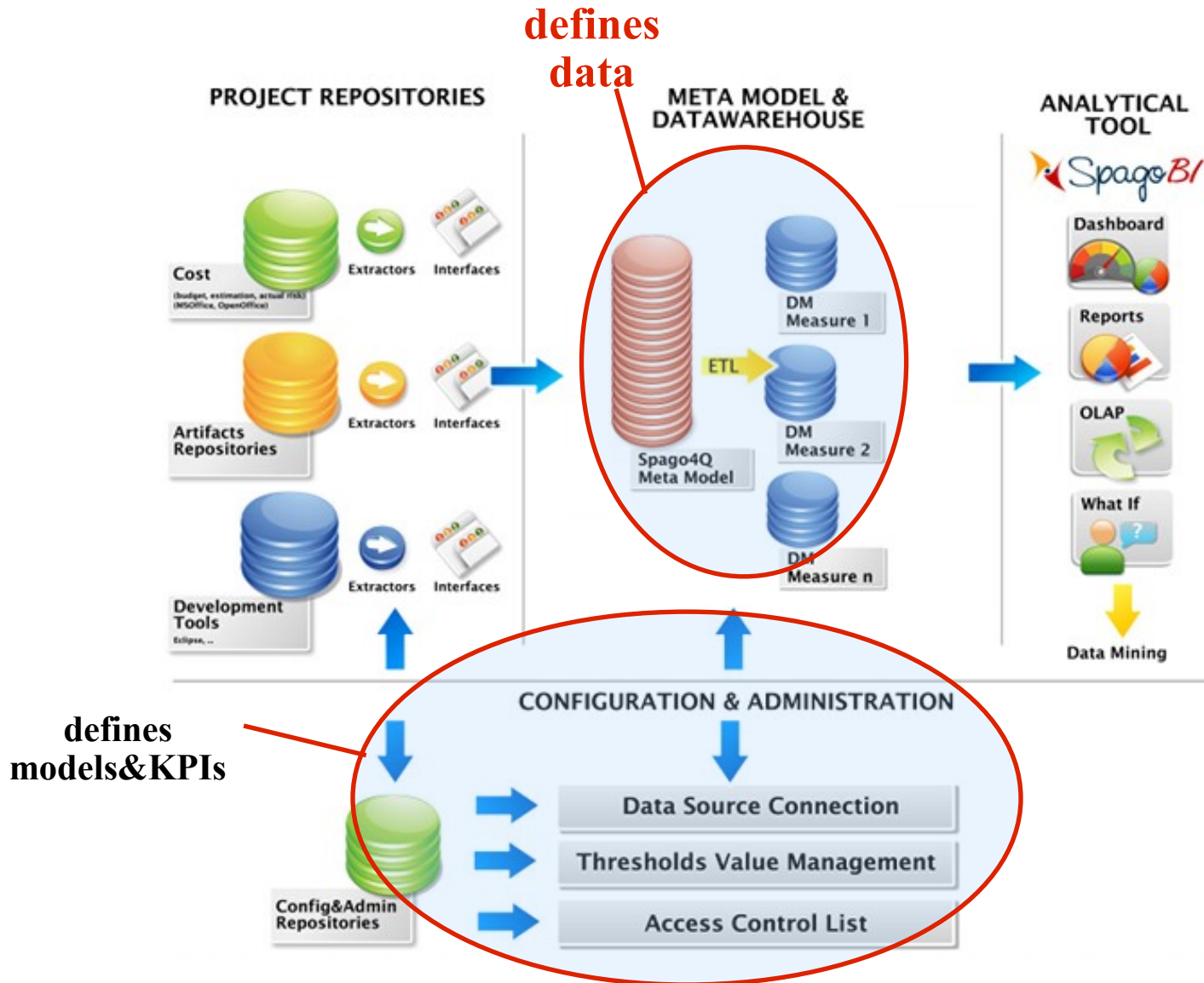




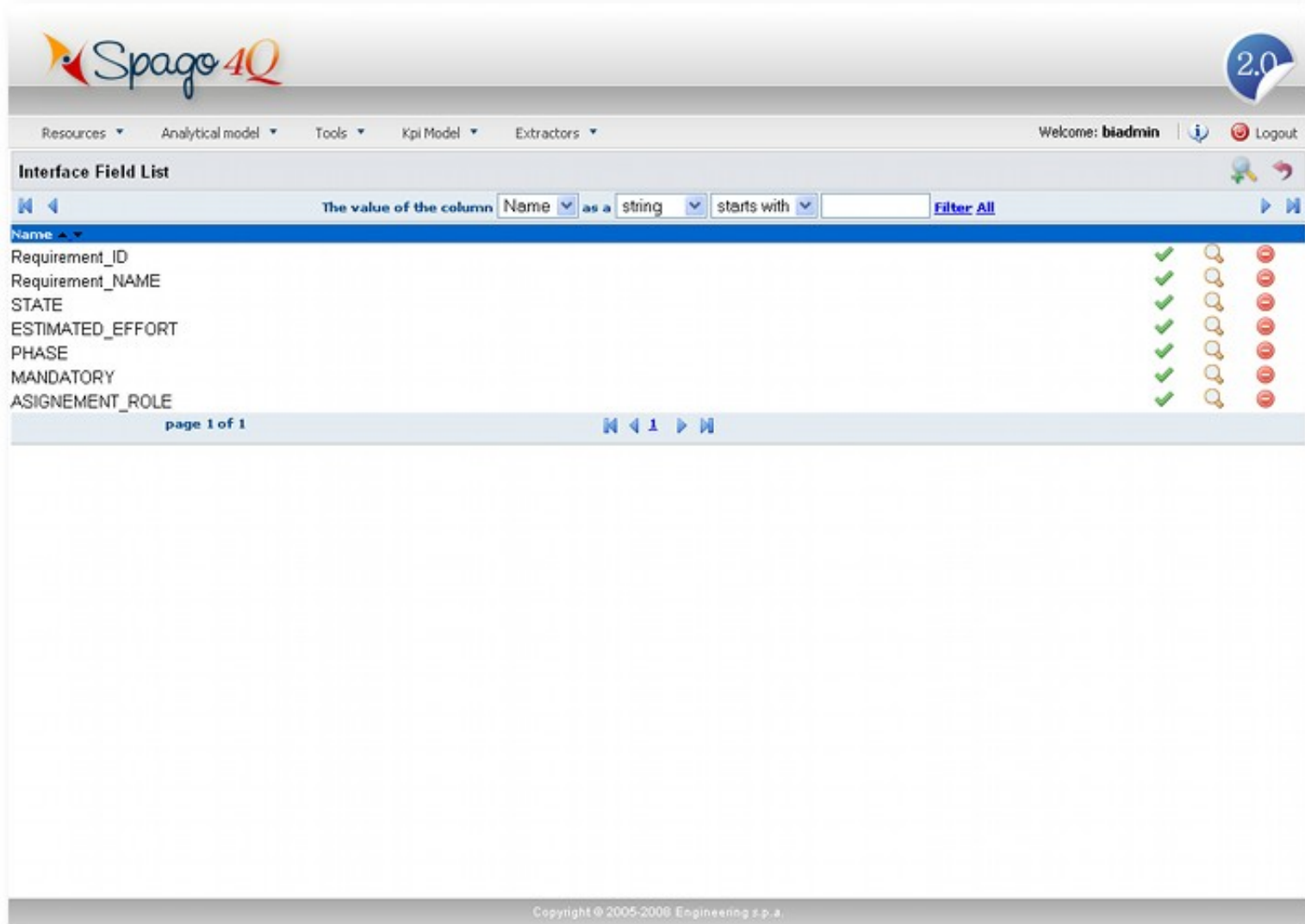
The screenshot displays the Spago 4Q software interface. The top navigation bar includes "Resources", "Analytical model", "Tools", "Kpi Model", and "Extractors". The user is logged in as "biadmin". The main window is titled "Model Definition Tree Detail" and shows a hierarchical tree structure on the left. The selected node is "DAR-SP1.1-1 - Establish Guidelines for Deci...". The right pane shows the "Model Definition" form with the following fields:

Field	Value
Name	Establish Guidelines for Decision Analysis *
Description	Establish Guidelines for Decision Analysis
Code	DAR-SP1.1-1
Type Name	Generic Node
Type Description	

Below the form is the "Model Attributes" section. The footer of the application reads "Copyright © 2005-2006 Engineering s.p.a."



# Defines Required Data

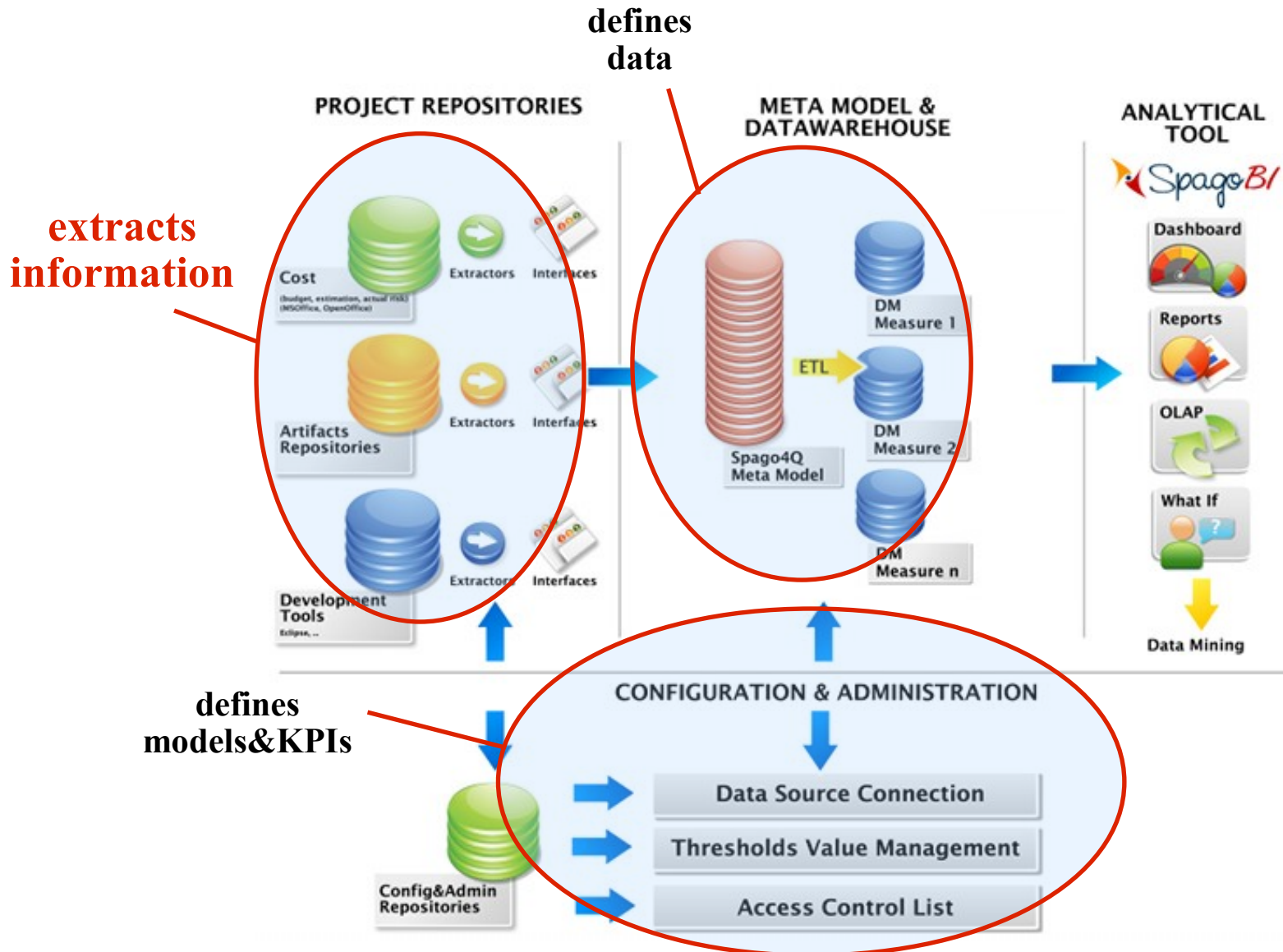


The screenshot shows the Spago 4Q web application interface. At the top left is the Spago 4Q logo. The navigation menu includes Resources, Analytical model, Tools, Kpi Model, and Extractors. The user is logged in as 'biadmin'. The main section is titled 'Interface Field List' and features a search filter: 'The value of the column Name as a string starts with'. Below the filter is a table of fields with status indicators.

Name	Green Checkmark	Yellow Magnifying Glass	Red Circle with X
Requirement_ID	✓	🔍	✗
Requirement_NAME	✓	🔍	✗
STATE	✓	🔍	✗
ESTIMATED_EFFORT	✓	🔍	✗
PHASE	✓	🔍	✗
MANDATORY	✓	🔍	✗
ASIGNEMENT_ROLE	✓	🔍	✗

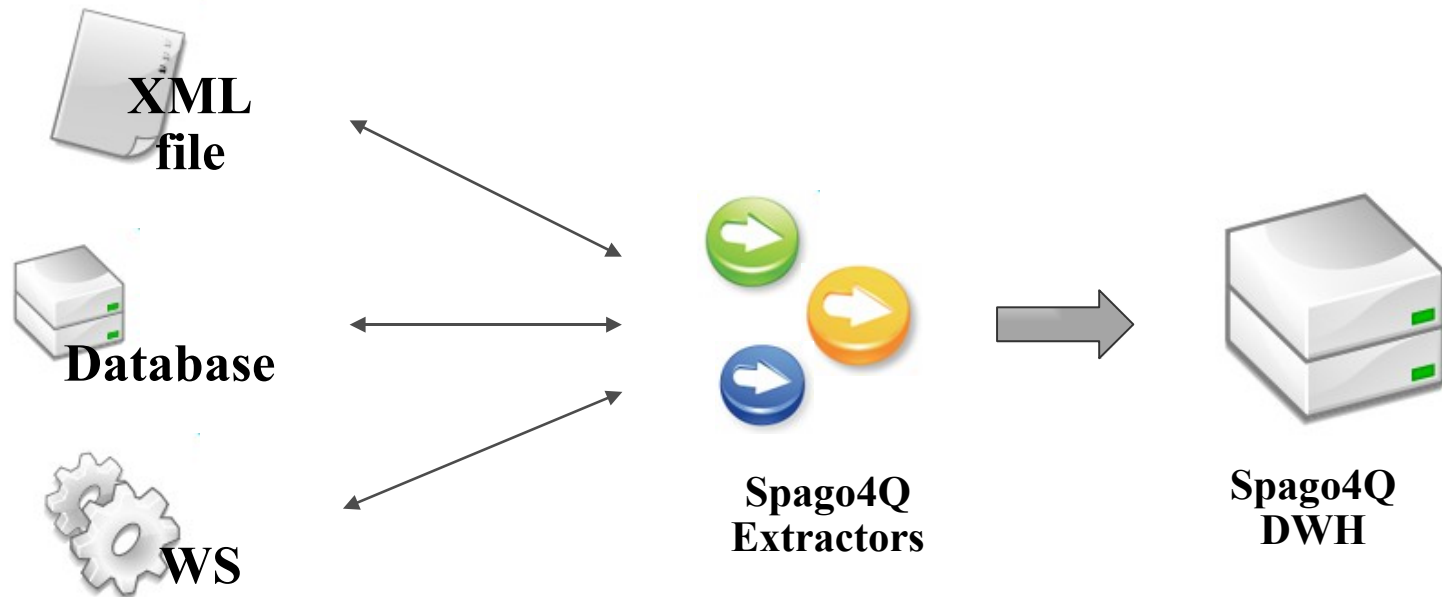
page 1 of 1

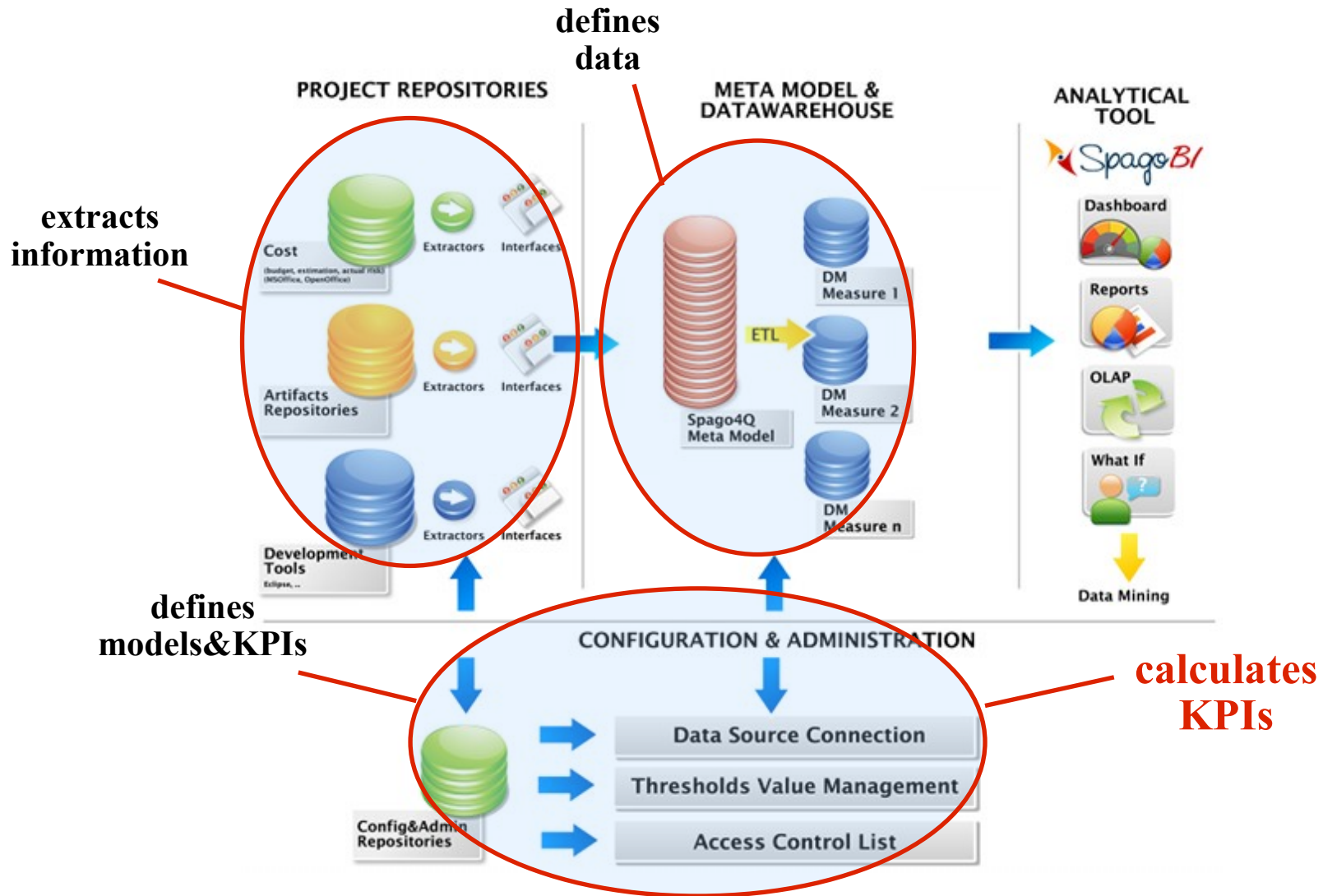
Copyright © 2005-2008 Engineering s.p.a.

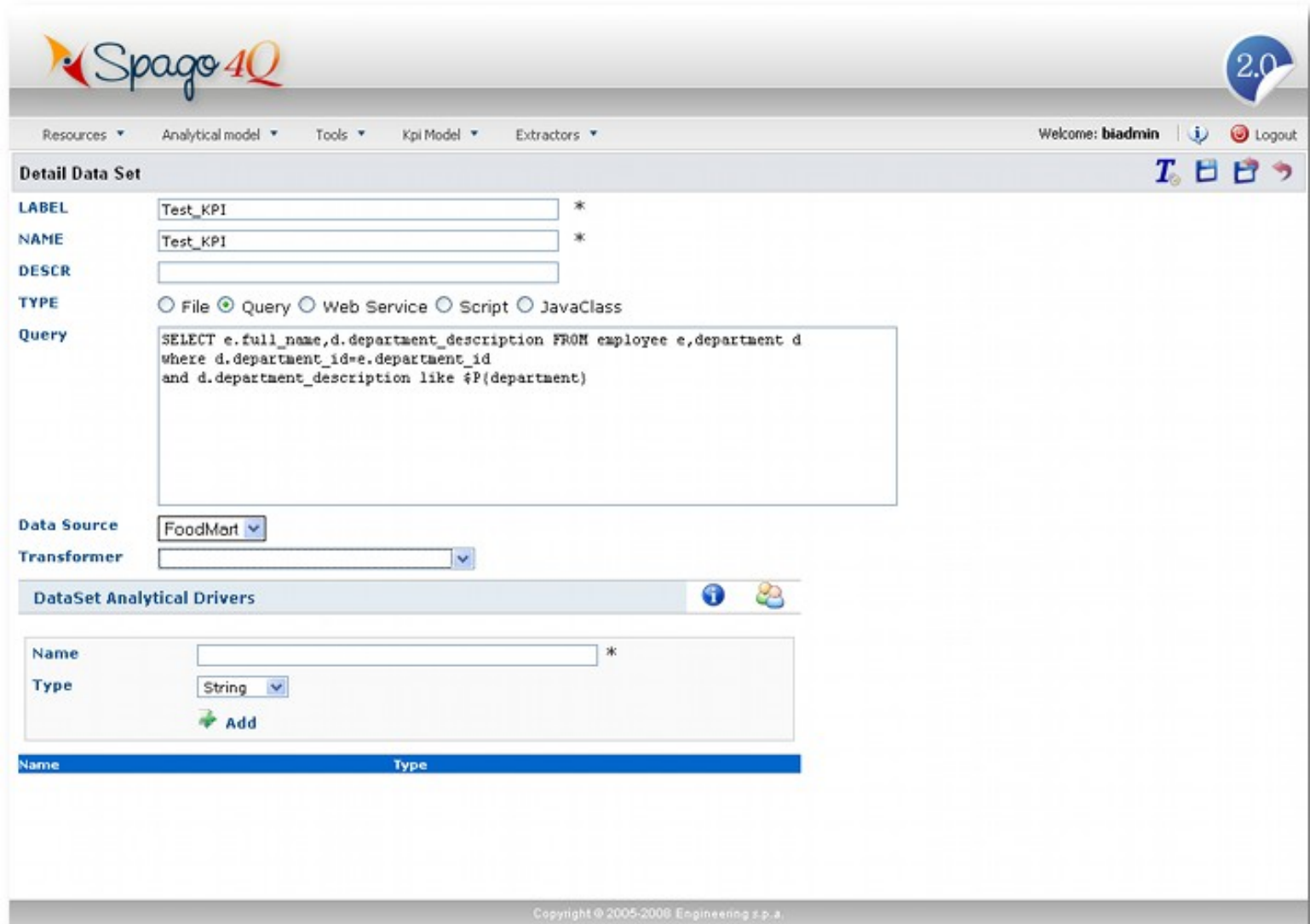




- **Spago4Q Extraction Process**
  - configure a default extractor
  - develop and configure a custom extractor







The screenshot shows the Spago 4Q 2.0 web interface. At the top, there is a navigation menu with items: Resources, Analytical model, Tools, Kpi Model, and Extractors. The user is logged in as 'biadmin'. The main section is titled 'Detail Data Set' and contains the following fields:

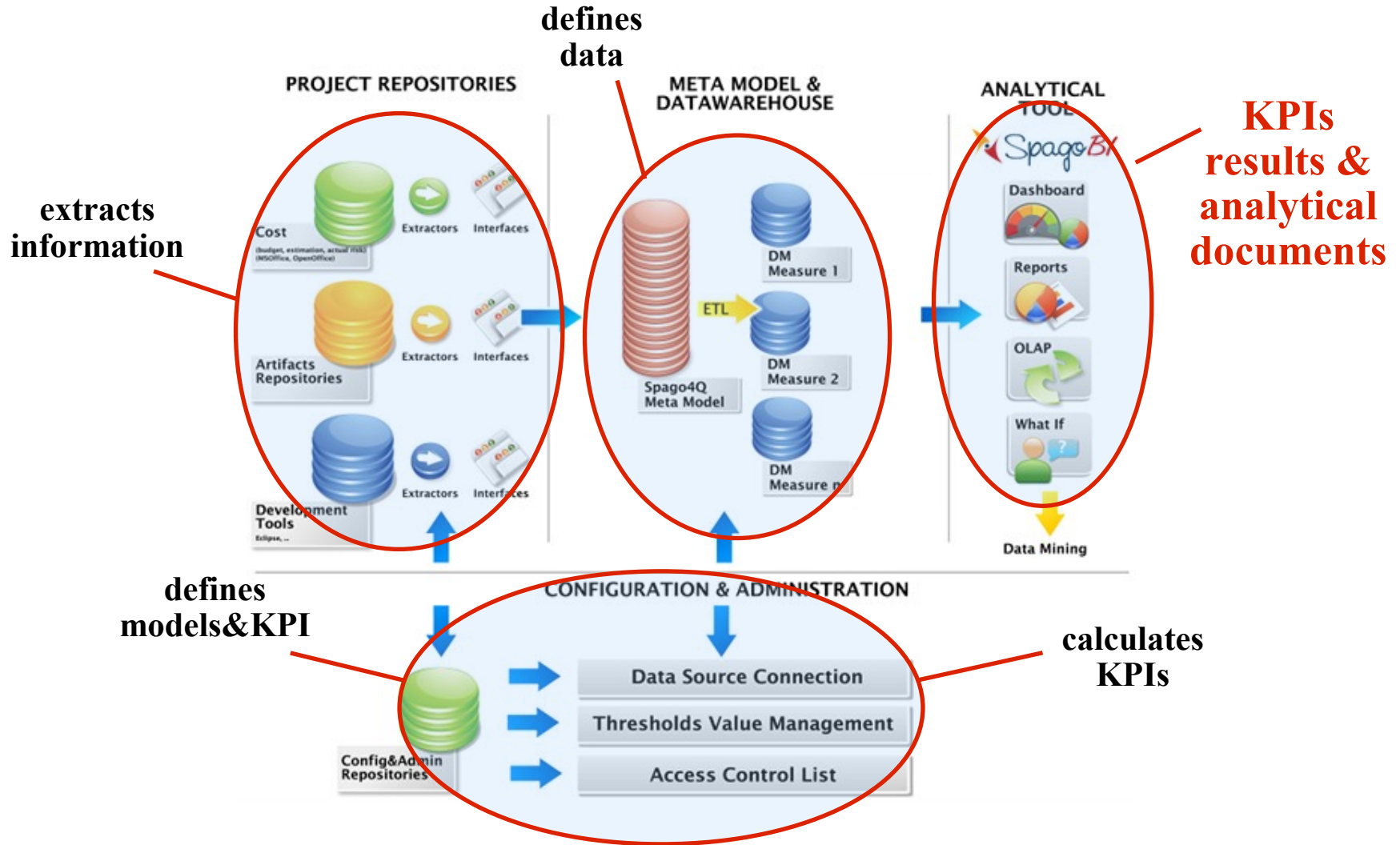
- LABEL:** Test\_KPI \*
- NAME:** Test\_KPI \*
- DESCR:** (empty text box)
- TYPE:** Radio buttons for File, Query (selected), Web Service, Script, and JavaClass.
- Query:**

```
SELECT e.full_name,d.departaent_description FROM employee e,department d
where d.department_id=e.department_id
and d.department_description like %P(department)
```
- Data Source:** FoodMart (dropdown menu)
- Transformer:** (empty dropdown menu)

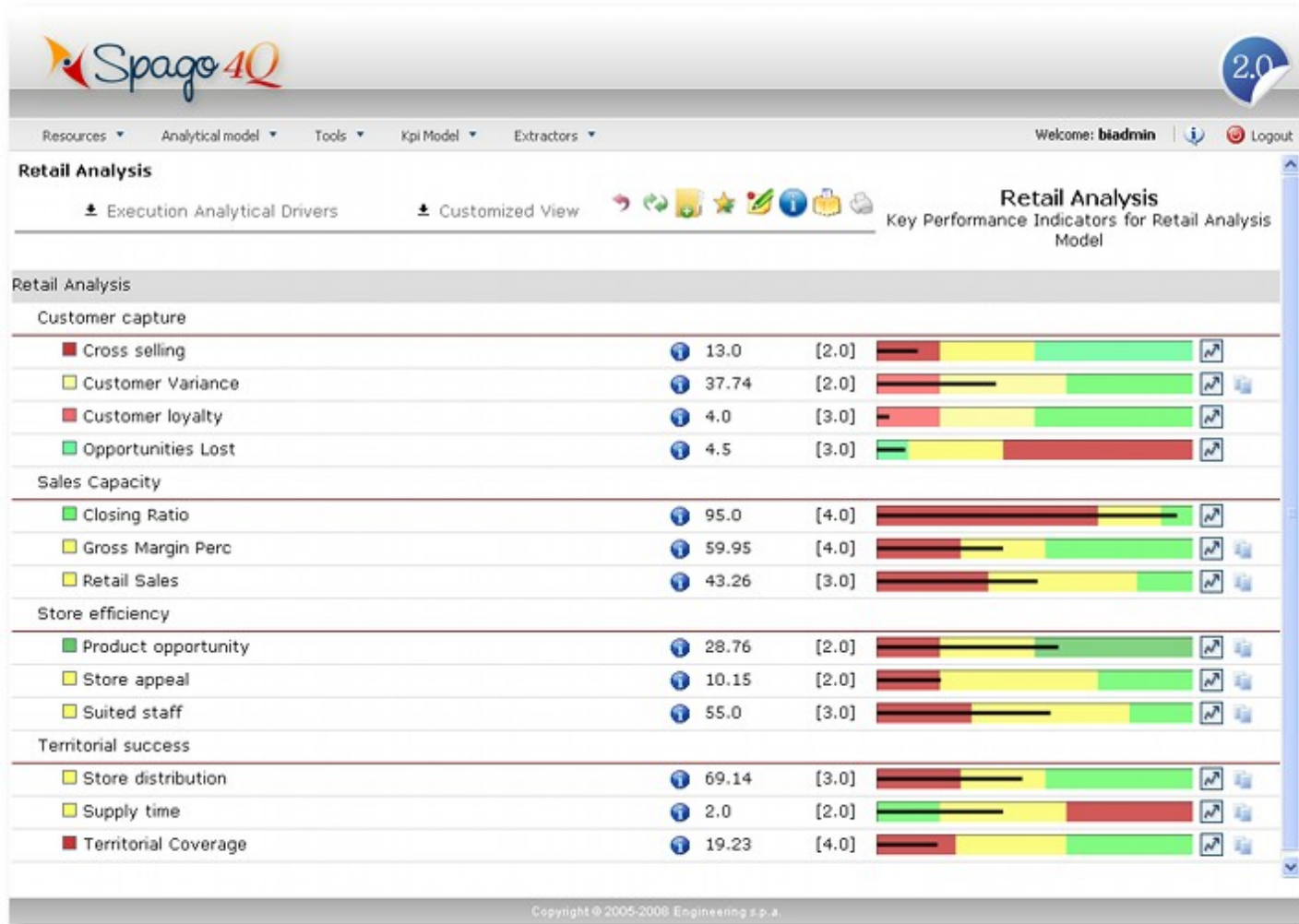
Below this section is the 'DataSet Analytical Drivers' area, which includes:

- Name:** (empty text box) \*
- Type:** String (dropdown menu)
- Add:** (green plus icon)

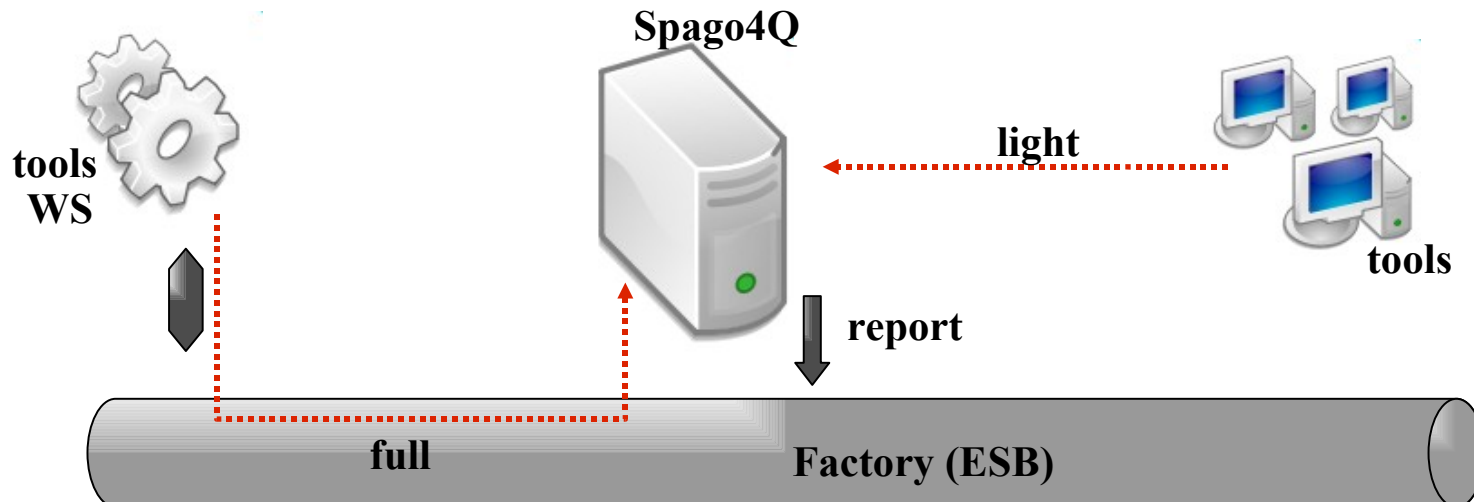
At the bottom, there is a table header with columns 'Name' and 'Type'. The footer contains the text: Copyright © 2005-2008 Engineering s.p.a.



# Display the KPIs Results



- **Integrate Spago4Q**
  - provide analysis reports
- **Integrate measurement tools (Web Services)**
- **Spago4Q extracts information from the tools directly and through the Factory (ESB)**



## Calendario corsi CMMI 2008


**16 Gennaio 2008**

Definire il calendario 2008 per le sessioni di formazione CMMI. L'obiettivo didattico è divulgare il PWB realizzato durante il percorso di certificazione aziendale al maturity level 3 del modello, rendendo fruibile a sezione e progetti l'assetto di mezzi e strumenti che ne costituiscono la dotazione (base di accesso; biblioteca di policies, procedure e lessons learned; library di modelli e di esempr. tools).

- [Per maggiori informazioni](#)
- [Scarica il calendario \(PDF 120kb\)](#)

### PROGETTI IN CORSO

#### Geocal si integra con iPhone e GoogleMaps

Orezi annuncia il rilascio della nuova release del modul GeOSwre disponibile anche per l'Apple iPhone e Mobile di Geocal che integra la tecnologia Google Maps.

#### Open Tech: lancio di SpagoBI 2.0 - Parigi

Engineering, in collaborazione con Silicon Berlin, presenta la nuova versione 2.0 di SpagoBI, la piattaforma libera di Business Intelligence.

[Scarica il programma completo](#)

#### Nuovi standard di presentazione PowerPoint

E' disponibile in MySelf® Standard di comunicazione fagionamento dell'area "Standard di Presentazione Powerpoint" contenente tutte le indicazioni standard per realizzare una presentazione in formato Powerpoint in lingua italiana ed inglese.

### RASSEGNA STAMPA

#### L'applicazione del Modello di Prevenzione dei Risch (ex D.Lgs. 231/2001)

09/12/2008

Il documento descrive un esempio di applicazione del modello di Organizzazione e Gestione finalizzato alla copertura aziendale nei confronti del risk control la Pubblica Amministrazione.

[Tutti gli articoli](#)

### DOCUMENTI

- [Documenti CMMI \(3\)](#)
- [Documenti SOQ](#)
- [Documenti Amministrativi EII](#)
- [Documenti Amministrativi ESEL](#)
- [Documenti di Gruppo \(8\)](#)
- [Documenti del Personale](#)
- [Documenti di Supporto EII](#)
- [Documenti Condizi](#)

### ARGOMENTI IN SINTESI

#### Principi Contatti e Criteri di maturazione

Costituisce un seminario sui principali contatti e sui criteri di maturazione.

#### Il processo di TEST

#### CMMI maturity level 3

#### Introduzione a FOSS

### APPLICAZIONI

- [A2 GPF](#)
- [Crocchio SAL](#)

### SERVIZI

- [Biblioteca \(Tolomeo\)](#)
- [Sistema Accessi](#)
- [Sistema Informativo Interno](#)
- [SKM Inventory](#)
- [Prenotazione sale riunioni](#)
- [Videoconferenza](#)

### SITI INFORMATIVI

- [Omnia Sunt Communia](#)
- [Foliant](#)
- [Project Server](#)
- [Spago World](#)
- [Spago 4Q](#)
- [Spago BI](#)
- [Spago](#)


### LINK UTILI

- [CMMI Browser](#)
- [PWI](#)

#### Notizie ed Eventi

Capability Maturity Model Integration  
Progetti  
Rassegna Stampa

#### CMMI Newsletter

 News RSS Feed

#### Documenti

Documenti CMMI  
Documenti SOQ  
Documenti Amministrativi EII  
Documenti Amministrativi ESEL  
Documenti di Gruppo  
Documenti del Personale  
Documenti di Supporto EII  
Documenti Condizi

#### Forum

Discussioni in corso

#### Segnala

Invia un suggerimento  
Segnala un problema

#### Siti di gruppo



Polarion  
WS

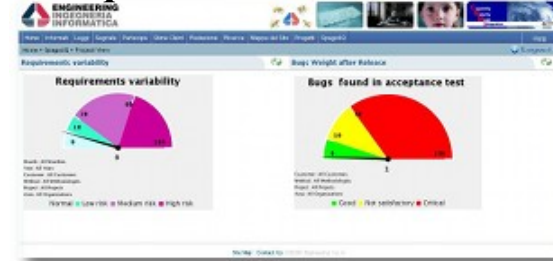


Spago4Q



Corporate  
Database

## Requirements



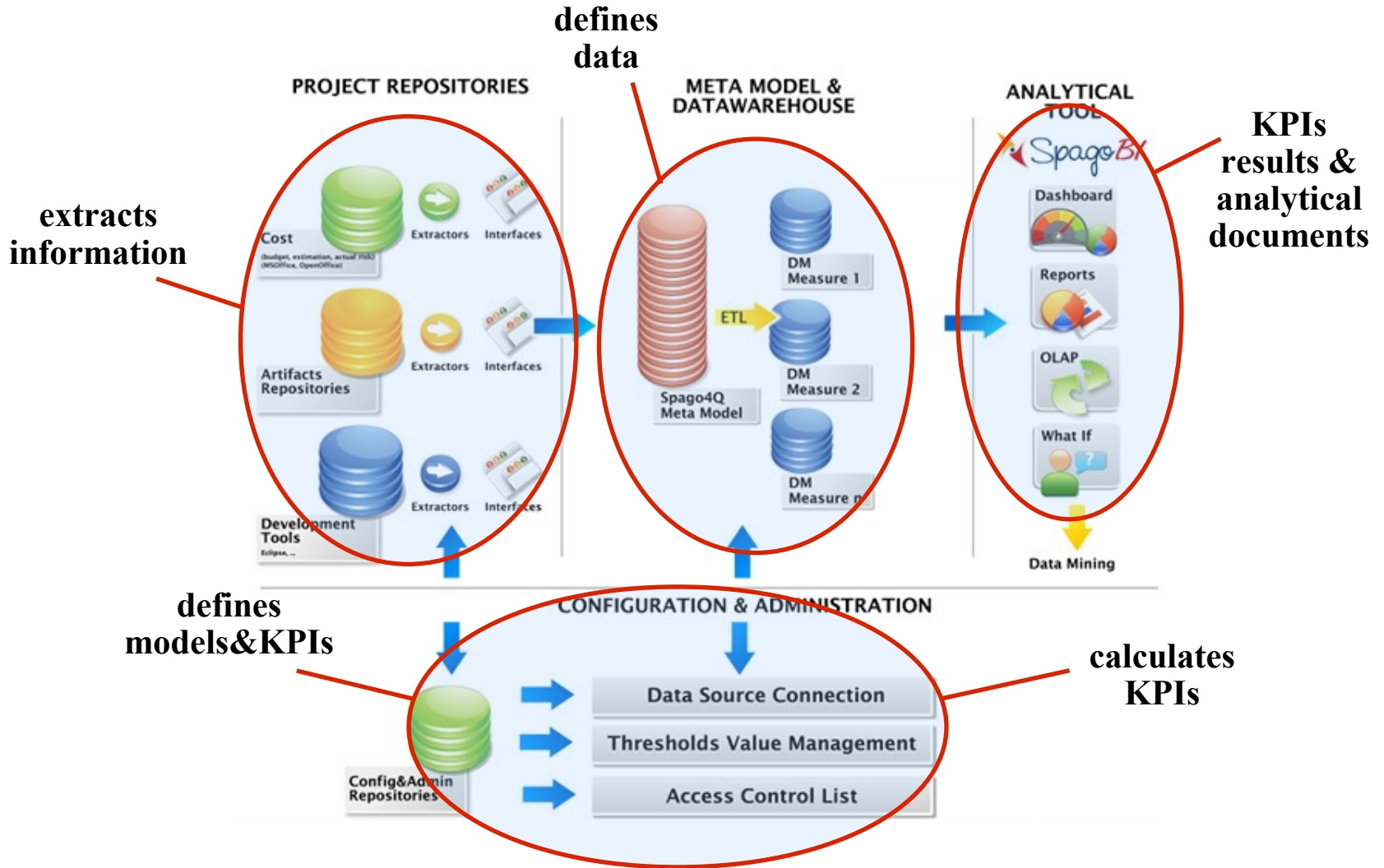
## Tests



## Bugs







## European Commission Directorate General Regional Policy (DG REGIO) project

DG REGIO's core activity consists of funding projects and programmes in regions all over Europe.

The project provides services to analyse, develop, maintain and support all information systems, applications and tools that DG REGIO needs to carry on its business.

In the context of the project, Spago4Q has been adopted by Engineering to cover the specific needs of DG Regio, monitoring by means a dashboard the Service Level Agreement for each services and producing periodically the official reports.

In order to collect the data required for monitoring the SLAs and KPIs, Spago4Q will connect and extract information from various data sources and supporting tools included in the project management infrastructure.

