

# Pentaho

## Dashboard

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## Pentaho - Creazione di un report

- Applicazioni coinvolte:
  - CDE - Community Dashboard Editor
    - creazione di dashboard
    - plug-in integrato direttamente in Pentaho BI User Console
  - Pentaho BI User Console
    - visualizzazione ed interazione con le dashboard





# Dashboard - Workflow

- Workflow tipico per la creazione di una dashboard:
  1. Definizione delle sorgenti dati
  2. Definizione del layout
  3. Definizione dei componenti
  4. Anteprima

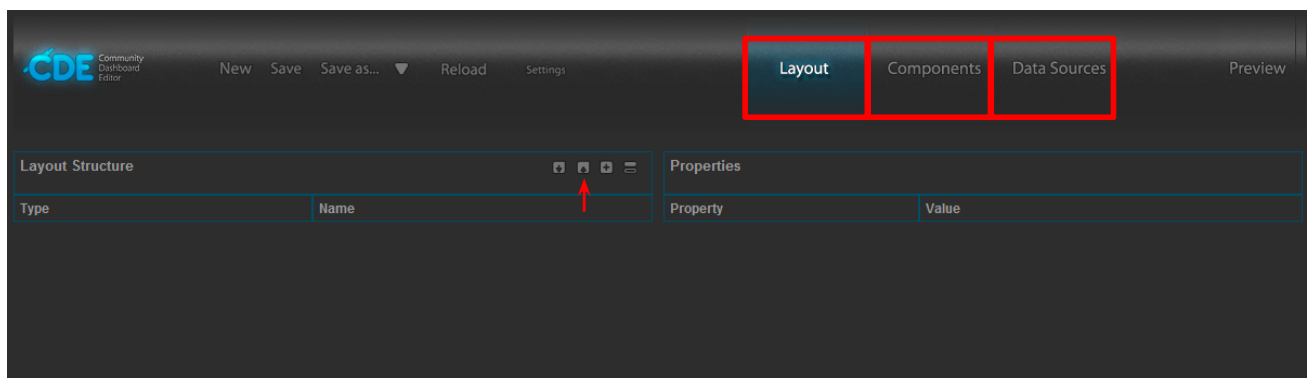


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# Dashboard - Workflow

- CDE - Interfaccia principale

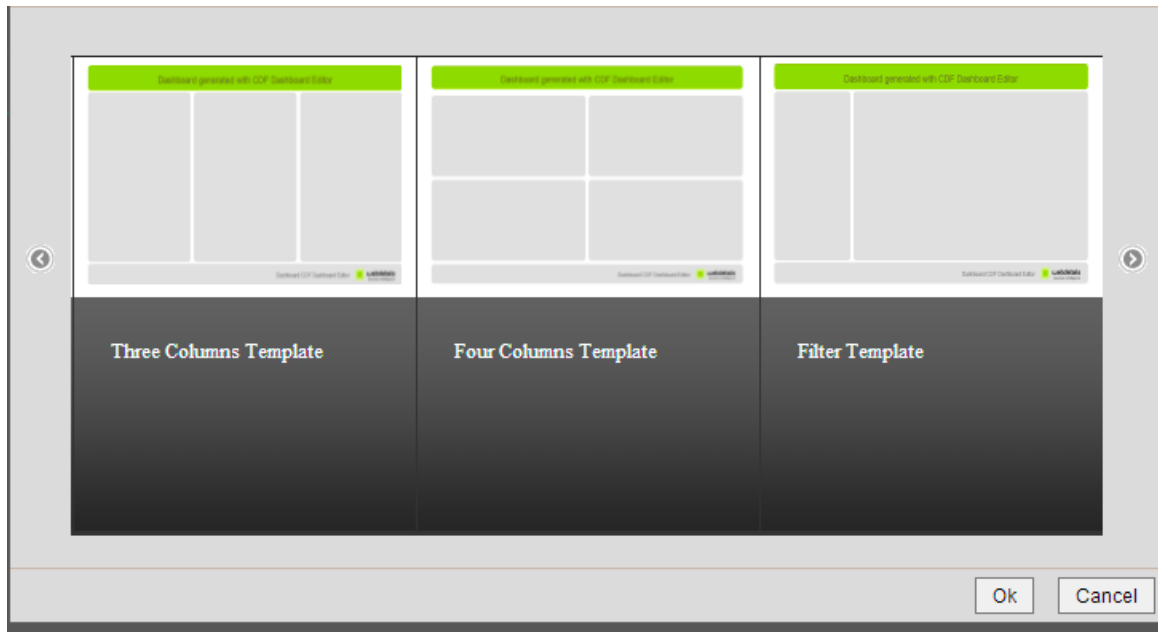


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# Dashboard - Template

- Selezione di un template

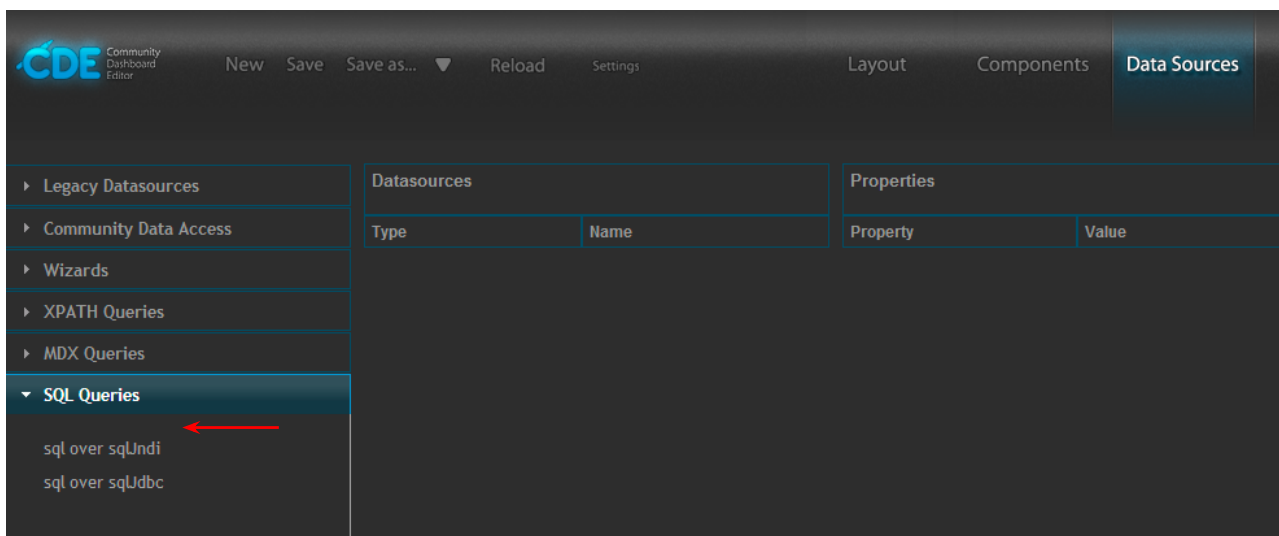


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# Dashboard - Sorgenti Dati (1)

- Definizione delle sorgenti dati da utilizzare

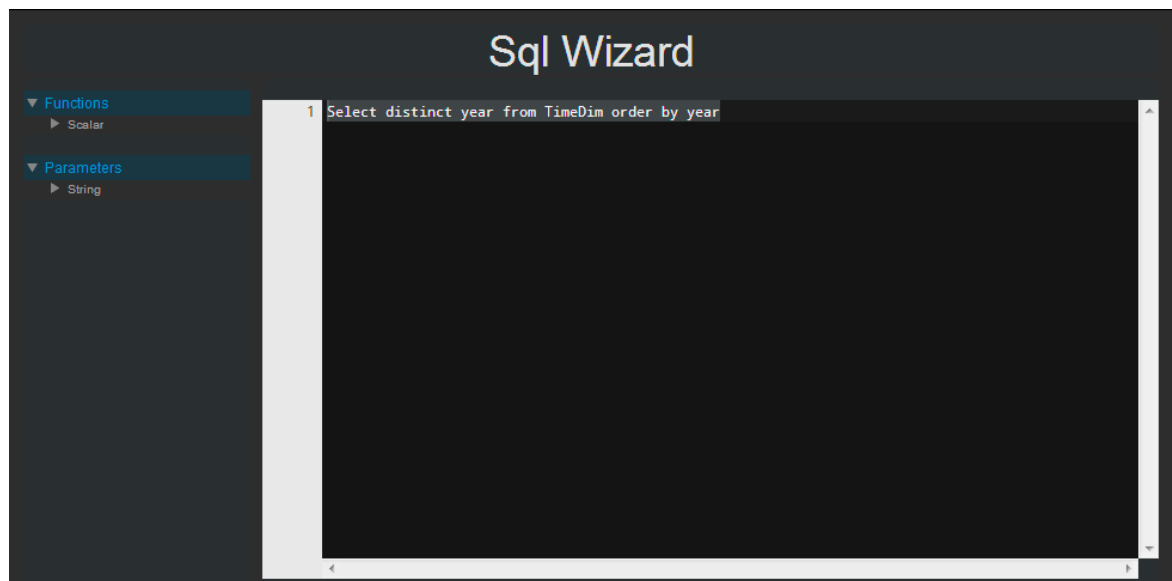


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## Dashboard - Sorgenti Dati (2)

- Definizione delle query per estrarre i dati di interesse

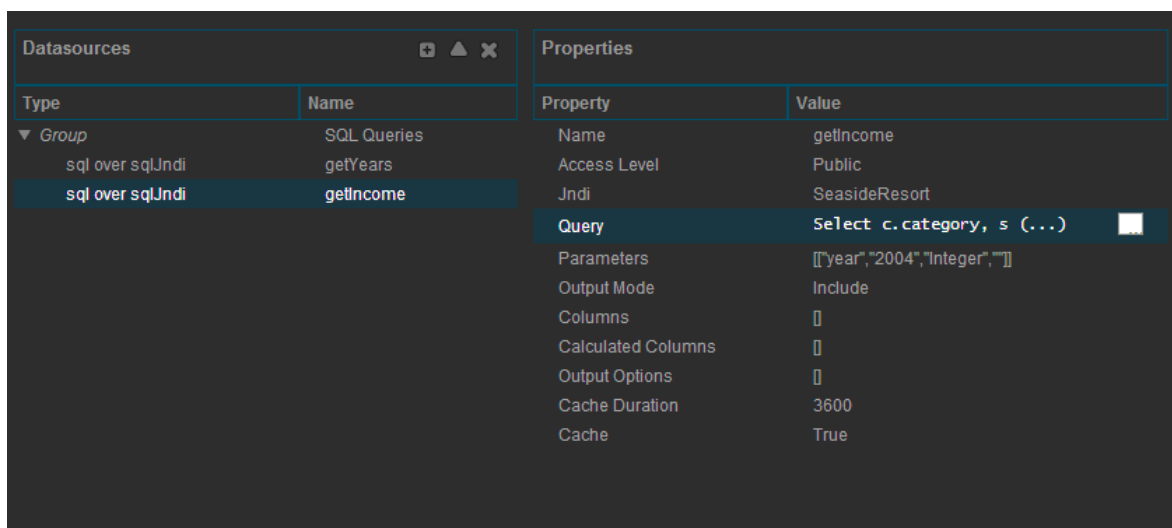


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## Dashboard - Sorgenti Dati (3)

- E' possibile anche definire query parametriche



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# Dashboard - Layout

- Definizione del layout della dashboard, tramite una gerarchia di righe e colonne

The screenshot shows the 'Layout Structure' and 'Properties' panels in Pentaho. The 'Layout Structure' panel displays a tree view of the dashboard layout, with the 'imagePanel' component selected. The 'Properties' panel shows the configuration for the 'imagePanel' component.

Type	Name	Property	Value
Row	Header	Name	imagePanel
Column	title	Span size	18
Html	Spacer	Prepend size	-
Row	Body	Append size	-
Column	yearSelector	Prepend gutter to top	False
Column	imagePanel	Prepend gutter to bottom	False
Small_Space		Right border	False
Footer		Big right border	False
Footer_Text		Height	400
Text		BackgroundColor	<input checked="" type="checkbox"/> #e0e0e0
Footer_Image		Corners	Round
Image		Text Align	-
		Css Class	-



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# Dashboard - Componenti (1)

- Inserimento dei componenti della dashboard e relativo binding con gli elementi di layout

The screenshot shows the 'Components' and 'Properties / Advanced Properties' panels in Pentaho. The 'Components' panel displays a list of components, with the 'selectYear' component selected. The 'Properties / Advanced Properties' panel shows the configuration for the 'selectYear' component.

Type	Name	Property	Value
Group	Selects	Name	selectYear
Select Component	selectYear	Parameter	year
Group	Charts	Listeners	[]
CCC Bar Chart	plot	Parameters	[]
Group	Generic	Value as id	True
Parameter	year	jQuery Plugin	-
		Datasource	getYears
		Values array	[]
		HtmlObject	yearSelector



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## Dashboard - Componenti (2)

- Inserimento dei componenti della dashboard e relativo binding con gli elementi di layout

The screenshot shows the Pentaho Dashboard Designer interface. On the left, the 'Components' panel is open, displaying a tree view of available components. The 'CCC Bar Chart' component is selected. On the right, the 'Properties / Advanced Properties' panel is open, showing a list of properties and their values for the selected component.

Type	Name	Property	Value
Group	Selects	Name	plot
Select Component	selectYear	Title	-
Group	Charts	Listeners	[year]
<b>CCC Bar Chart</b>	<b>plot</b>	Parameters	[[year, "year"]]
Generic	year	Custom Chart Script	<input type="checkbox"/>
Parameter	year	Datasource	getIncome
		Width	-
		Height	-
		HtmlObject	imagePanel
		clickable	False
		clickAction	<input type="checkbox"/>
		compatVersion	2
		crosstabMode	True
		legend	True



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## Dashboard - Componenti (3)

- Inserimento di componenti parametrici da utilizzare nelle query e in altri oggetti della dashboard

The screenshot shows the Pentaho Dashboard Designer interface. On the left, the 'Components' panel is open, displaying a tree view of available components. The 'Parameter' component is selected. On the right, the 'Properties / Advanced Properties' panel is open, showing a list of properties and their values for the selected component.

Type	Name	Property	Value
Group	Selects	Name	year
Select Component	selectYear	Property value	2004
Group	Charts	Bookmarkable	False
CCC Bar Chart	plot		
Group	Generic		
<b>Parameter</b>	<b>year</b>		



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# Dashboard - Anteprima

- Visualizzazione dell'anteprima della dashboard

