

webElements

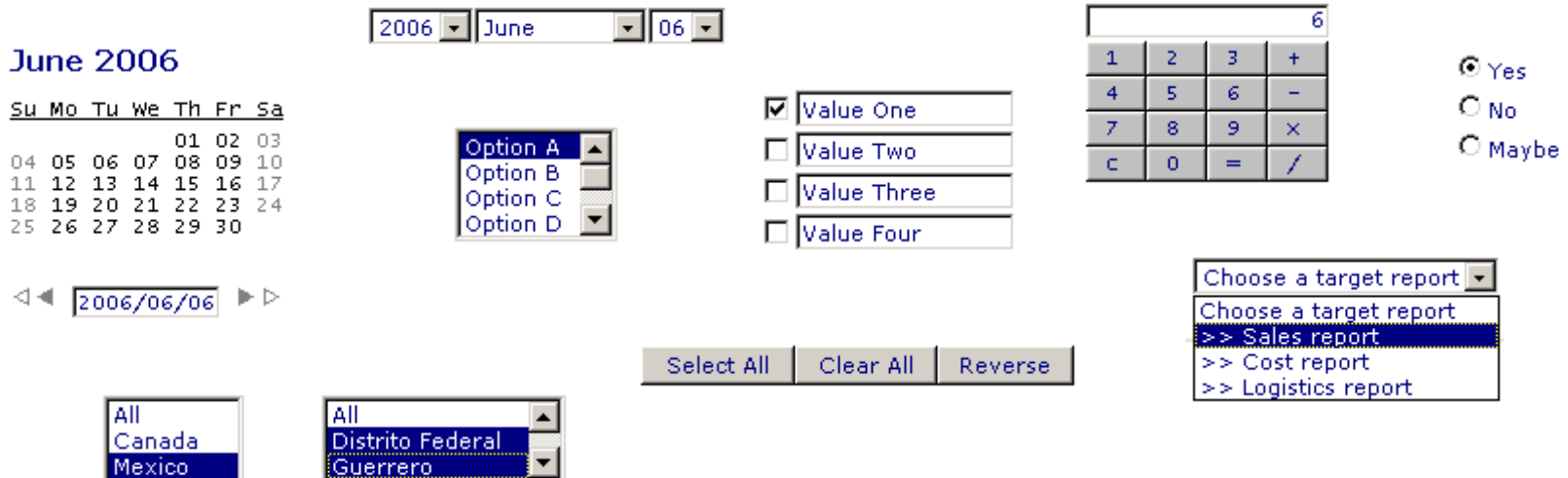
A Crystal Reports Custom Function Library



January 5, 2009

What is it?

- An easy to use library of functions for Crystal Reports developers
- Designed by report developers for report developers
- Embeddable on-report controls for report consumers
- Easily distributed as a Crystal Reports .rpt file
- Small in size: less than 500k unzipped
- Automated installation
- Expandable, customizable, and code can be shared



The image displays several webElements controls:

- Calendar:** Shows the month of June 2006 with a grid of days from Sunday to Saturday.
- Date Picker:** A control with three dropdown menus for year (2006), month (June), and day (06).
- List Box:** A vertical list with options: Option A, Option B, Option C, and Option D.
- Checkbox Group:** Four checkboxes labeled Value One (checked), Value Two, Value Three, and Value Four.
- Numeric Keypad:** A grid of buttons for digits 1-9, 0, and mathematical symbols (+, -, ×, /).
- Radio Button Group:** Three radio buttons labeled Yes, No, and Maybe.
- Dropdown Menu:** A menu titled "Choose a target report" with options: Sales report, Cost report, and Logistics report.
- Button Group:** Three buttons labeled "Select All", "Clear All", and "Reverse".
- Country List:** A list box showing "All", "Canada", and "Mexico".
- Region List:** A list box showing "All", "Distrito Federal", and "Guerrero".

What are the advantages?

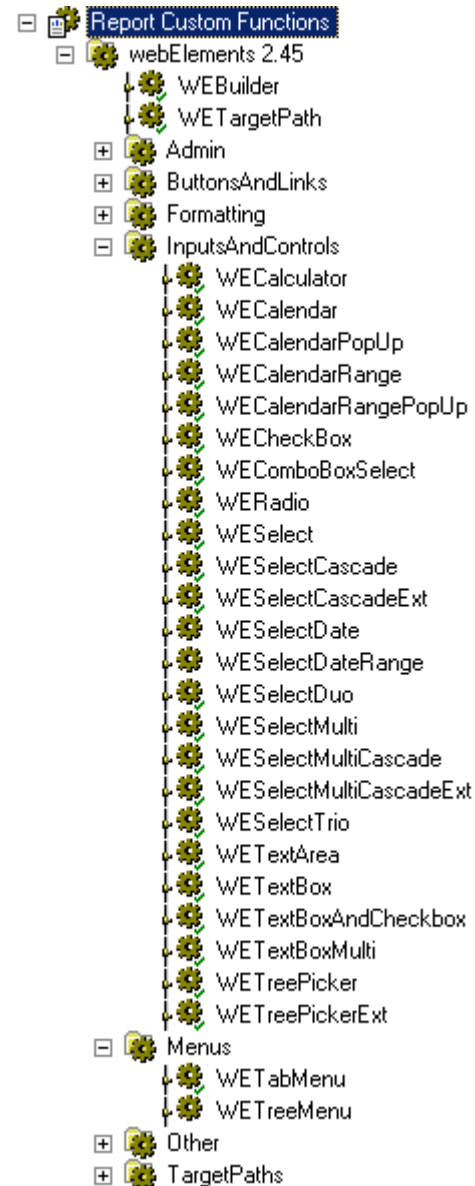
- Business / user benefits
 - More easily meet end user requirements for Crystal Reports
 - No additional costs
- Technical benefits
 - No additional web pages are required...only the .rpt file
 - No additional personnel are required...just the report developer
 - No additional tools (i.e. software packages) are required
 - No HTML programming knowledge is required
 - Controls can be data driven...formatting, control types, languages, values...
 - Freeform placement of controls...i.e. not restricted to a viewer header
 - Open Source...can be customized and shared
 - Easily add interactivity to Crystal Reports

What can I do with them?

- Embed web controls into a Crystal Report
 - Develop a parameter page to target Crystal Reports, WebI...
 - Develop an interface to interact with data ...write-backs to the database, report annotations...
 - Create a reporting jump page or navigation page
- ...all developed within Crystal Reports XI, XIr2, XI 3.0

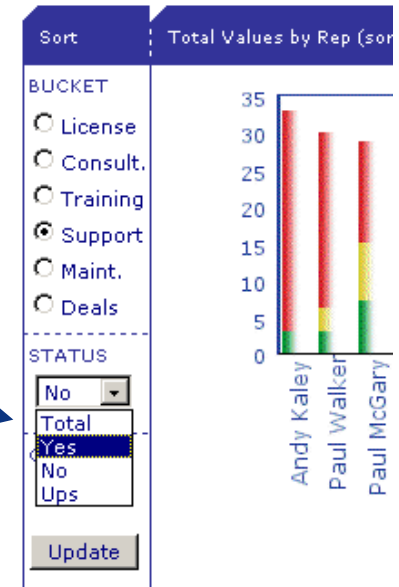
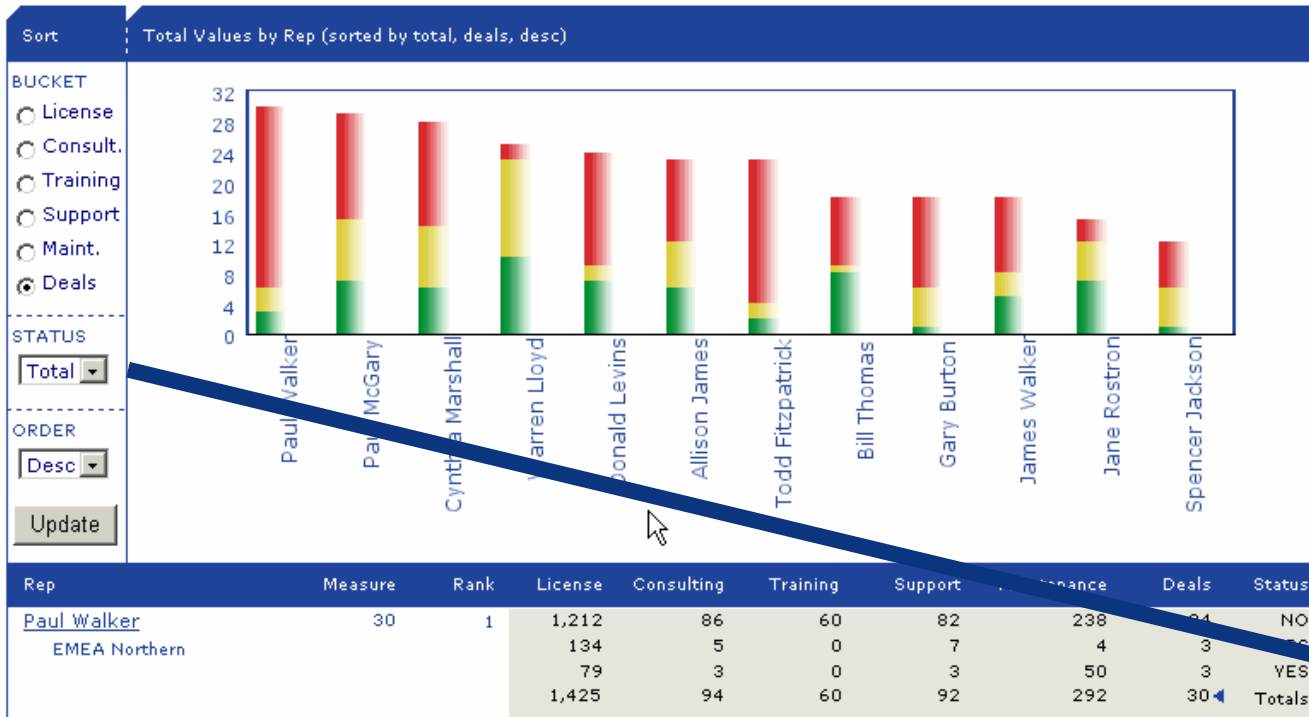
What features do they have?

- Embedded calendar controls
- Radio buttons
- Text and text area input boxes
- Checkboxes, single & multiple
- Option select drop-downs
- Dynamic & cascading prompts
- Multi-select menus
- Images via relative paths
- Report to report linking
- Output debugging modes
- Prompt validation
- ...and much more



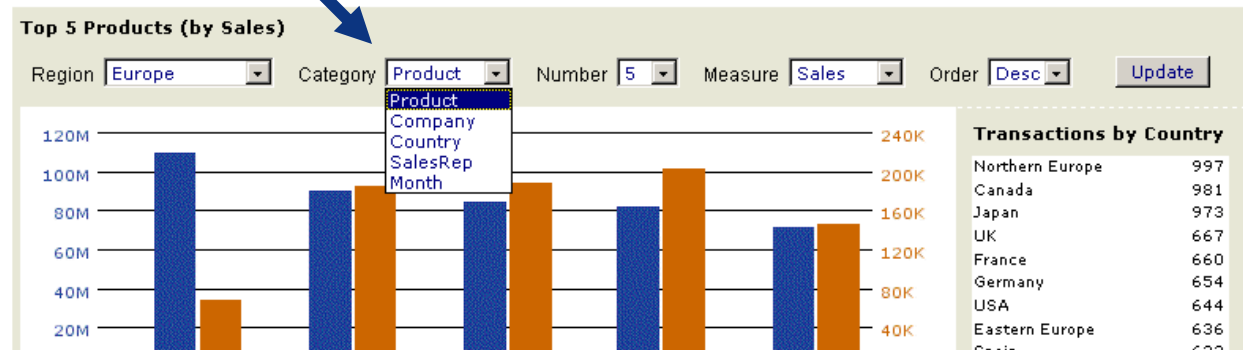
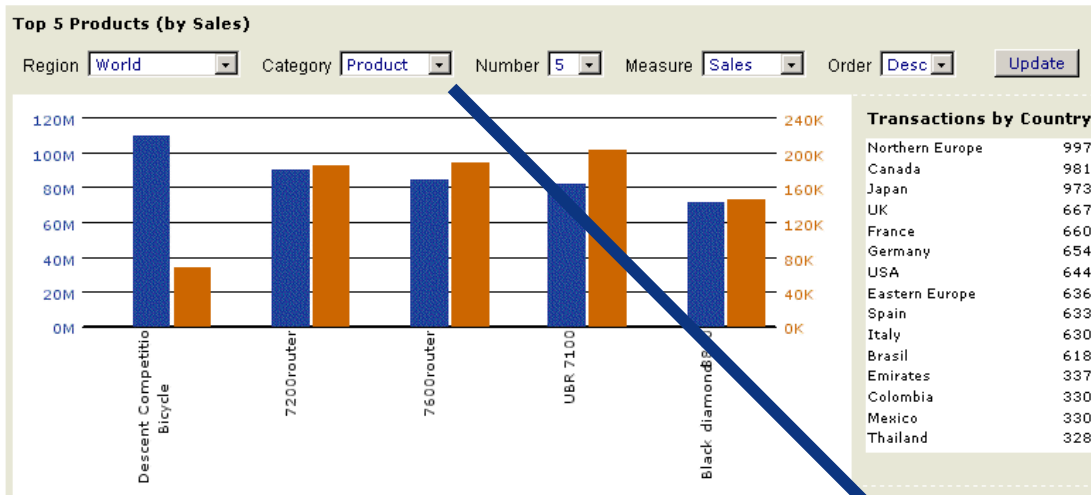
webElements in use

- On-report prompt interface for grouping, sorting & filtering



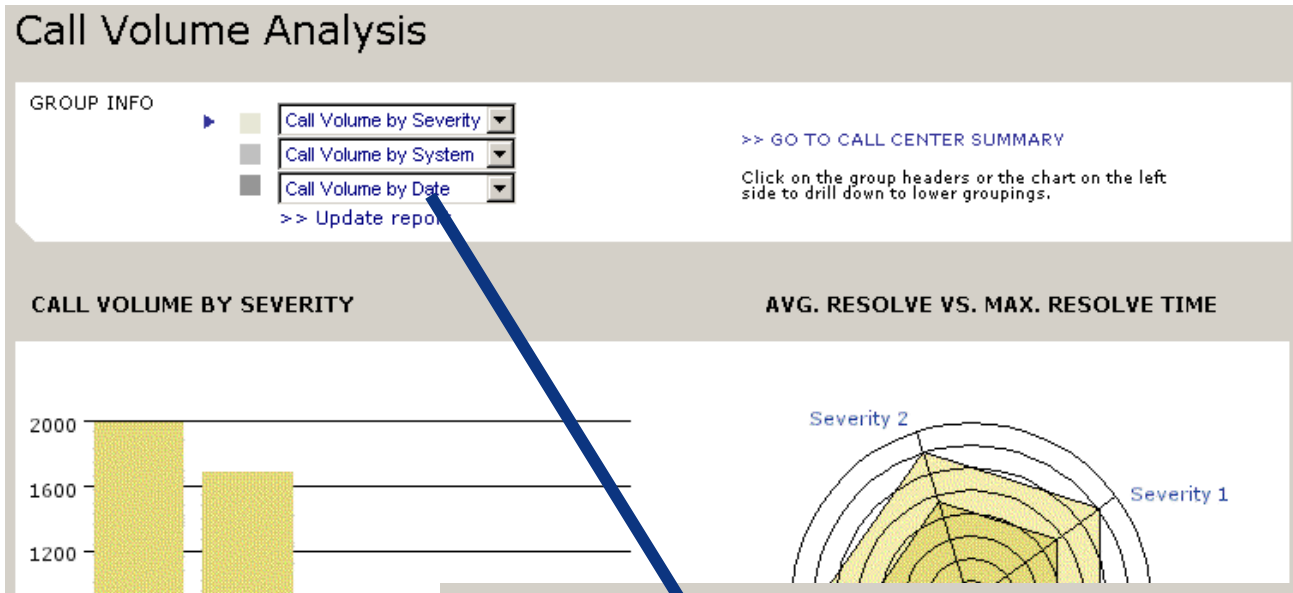
webElements in use

- On-report prompt interface for dynamic Top N



webElements in use

- On-report prompt interface for dynamic drill-down



webElements in use

- Parameter page design (1 of 4)

Length of Stay (LOS) Tools

**Length of Stay
Dashboard**

LOS Drilldown

>> Default View

[View Parameter Page](#)

LOS Dynamic Ranking

>> Default View

[View Parameter Page](#)

LOS Pivot

>> Region, Hospital, Hospitalist

>> Region, Practice Group, Hospitalist

>> Region, Insurance, Hospital, Hospitalist

[View Parameter Page](#)



webElements in use

- Parameter page design (2 of 4)

Length of Stay (LOS) Tools

Length of Stay Dashboard

LOS Drilldown
>> Default View
[View Parameter Page](#)

LOS Dynamic Ranking
>> Default View
[View Parameter Page](#)

LOS Pivot
>> Region, Hospital, Hospitalist
>> Region, Practice Group, Hospitalist
>> Region, Insurance, Hospital, Hospitalist
[View Parameter Page](#)

LOS Drilldown

Change the 3 dynamic drill-down groups to rearrange the LOS data and identify trends.

Group 1

Group 2

Group 3

[>> Go to LOS Drilldown Report](#)

webElements in use

■ Parameter page design (3 of 4)

Length of Stay (LOS) Tools

Length of Stay Dashboard

LOS Drilldown
>> Default View
[View Parameter Page](#)

LOS Dynamic Ranking
>> Default View
[View Parameter Page](#)

LOS Pivot
>> Region, Hospital, Hospitalist
>> Region, Practice Group, Hospitalist
>> Region, Insurance, Hospital, Hospitalist
[View Parameter Page](#)

LOS Dynamic Ranking

Select the initial data category.

Region

Select the initial measure.

Average Length of Stay
 Count of Stays
 Total Days Stayed

Select the initial sort and number of values.

Top 5

>> [Go to LOS Dynamic Ranking Report](#)

webElements in use

- Parameter page design (4 of 4)

Length of Stay (LOS) Tools

Length of Stay Dashboard

LOS Drilldown

>> Default View

[View Parameter Page](#)

LOS Dynamic Ranking

>> Default View

[View Parameter Page](#)

LOS Pivot

>> Region, Hospital, Hospitalist

>> Region, Practice Group, Hospitalist

>> Region, Insurance, Hospital, Hospitalist

[View Parameter Page](#)

LOS Pivot

Drill-down group levels

Region Hospital Hospitalist

Record selection filters

Dates

Region

- All
- ABC
- FBI
- XYZ

Hospital

- All
- BERGEN
- CHESTER
- HOMEDALE

Hospitalist

- All
- HALL, ROBERT
- BARRETT, PETER
- CAPULET, JULIET

Age Ranges All Age >= 65 18 <= Age < 65 Age < 18

Level Types Acute Inpatient LTAC Skilled

Medical Group Dixit Medical MG Mycare

Insurance

- ALL
- 21ST CENTURY
- AIDWELL

PCP Group


- ALL
- ALHAMBRA
- ARCADIA

Practice Group

- ALL
- ALLENTOWN
- BETHLEHEM

>> [Go to LOS Pivot Report](#)

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webElements in use

- Interact with on report data

Summary Stats		Product Count	Total # of Units	Value of Units	
<input checked="" type="checkbox"/> ReOrder		5	219,204	\$71,832k	

Product	Optimum	Safety Stock	Current	Value	
14 	Sino TVs	15,054	7,527	8,215	\$4,108k
	<input checked="" type="checkbox"/> <input type="text" value="15054"/>		Shelley Burke@Home Apps		
19 	Playstation	63,692	31,846	33,914	\$6,105k
	<input type="checkbox"/> <input type="text" value="63692"/>		Shelley Burke@Home Apps		
38 	Nokia 7360	140,066	70,033	73,807	\$7,381k
	<input checked="" type="checkbox"/> <input type="text" value="20000"/>		Yoshi Nagase@Mobicotel		
45 	UBR 7100	98,954	49,477	51,164	\$25,582k
	<input type="checkbox"/> <input type="text" value="98954"/>		Ian Devling@Cicotel		
46 	7600 router	96,784	48,392	52,104	\$28,657k
	<input checked="" type="checkbox"/> <input type="text" value="96784"/>		Ian Devling@Cicotel		

Select All
Clear All
Reverse
Reset Form
Place Order

webElements in use

- Report annotations

Notes for Andy Kaley Jason Pythias Investigators

All values in \$1,000's

SFM ID	License	Consulting	Training	Support	Maintenance	Total	Commit	Close Date
100%-Shipped & Booked								
Jason Pythias Investigators								
884	27	15	3	3	6	54	YES	05-Feb-05

I have closed this deal

10-Mar-06 Administrator

what is the status of this

+ Add Note

>> [Back to sales rep activity report for Andy Kaley](#)

What does the Crystal formula syntax look like?

■ Radio button control for a region prompt

- WERadio ("Region", "Americas|Europe|Asia", "Americas|Europe|Asia", "Asia", true, "", "", "")

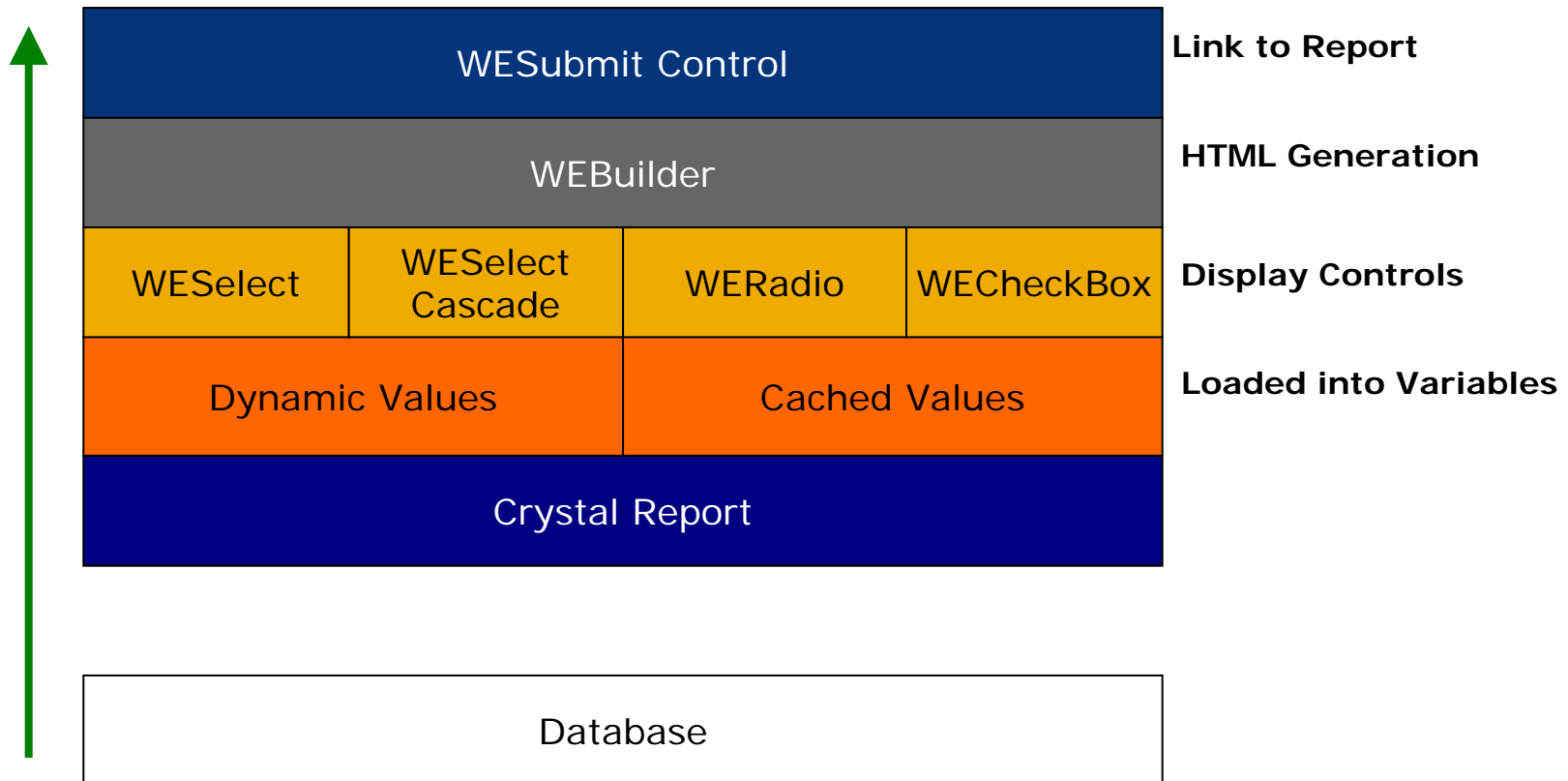


■ Select menu control for a product prompt

- WESelect ("Product", "Electronics|Sports|Hardware", "Electronics|Sports|Hardware", "Electronics", "")



How do they work?



Thank you!