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Capturing Input Control Responses in Web Intelligence

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Although we do not have a single formula for capturing the response from an Input Control, we can obtain that information by using other formulas, and then use this for making dynamic titles for our charts.

I worked this out and broke it up into several pieces to make it more understandable. To accomplish this, we use a combination of the ReportFilterSummary() function and some Character functions to extract the pieces we want to use. I think once you see what info is returned in the ReportFilterSummary() you could see that there are many different ways you could go about extracting the pieces you want – this is just one way that I hope wouldn't be too complicated. Basically, the formula below is saying, "Give me the substring of everything between the curly brackets". In the scenario below I used an input control that allowed for the All response and for Multiple values

=ReportFilterSummary()



Variable1: FilterStart

=Pos(ReportFilterSummary();"")+1

Variable2: FilterEnd

=Pos(ReportFilterSummary();"")-1

Variable3: FilterLength

=[FilterEnd] - [FilterStart]

***** Filter on Report Report 1 *****

**Filter on Block Block 1:
Product Group In List { Internals, Video }**

<u>Filter Start</u>	<u>Filter End</u>	<u>Filter Length</u>
<u>112</u>	<u>129</u>	<u>17</u>

Combined /Title:

= "Product Revenue Totals for "+Substr(ReportFilterSummary();[FilterStart];[FilterLength])

And then modified to handle the "All" scenario:

= "Product Revenue Totals for "+If([FilterLength]<1;"All";
Substr(ReportFilterSummary();[FilterStart];[FilterLength]))

Product Revenue Totals for Internals, Video

Product Gro	Product Nam	Number of O	Revenue
Internals	Modem 56K	3641	\$298,198.68
	Sound Card U	3507	\$5,256,903.49
	Video Card U	3576	\$5,703,826.61
Internals		Sum:	\$11,258,928.79
Video	17 Monitor XJ	4118	\$39,049,757.29
	21 Monitor 97	4121	\$43,170,754.15
	Flat Panel Mo	4177	\$54,133,043.46
Video		Sum:	\$136,353,554.91
		Sum:	\$147,612,483.69
		Total:	\$147,612,483.69