Question Data Piping Reference

Data Piping is straightforward from a **Source Question** perspective - you simply add a code to the question.

When it comes to using that data piping code, however, the way it must be used will depend upon the type of question we are referring to.
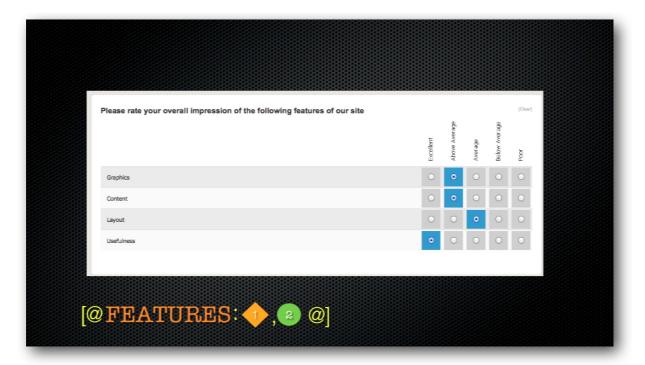
In the example above, the usage is simple:

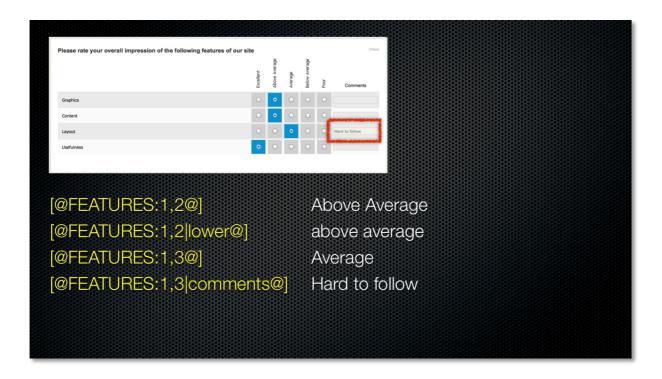*[@MYPRODUCTS@]* will return a list of products

An Example of more complex Data Piping – Matrix Questions

A matrix question has both rows and columns, so entering a single textual code will not suffice because it doesn't tell me exactly which data I am looking for.

We must refer to both the grid and the row we are looking for:

There are also various formatting codes available. These can also vary depending upon the type of question.

[@FEATURES:1,2@]	Above Average
[@FEATURES:1,2|lower@]	above average
[@FEATURES:1,3@]	Average
[@FEATURES:1,3|comments@]	Hard to follow

Clearly, different question types need to be dealt with in different ways. This Data Piping Reference takes you through these different question types.

Standards Used in this Reference Guide

When looking at a particular data piping code, the structure of the code is as follows (spaces are only shown for ease of readability):

`[@ QQQQQ: subcode | format @] where:`

QQQQQ	is the code that has been entered on the source question

#hidden# may be included to hide any data pipe. The format for a hidden code would therefore be:

`[@ QQQQQ: subcode | format #hidden# @]`

Matrix Questions

Questions that take the form of "Matrixes" have a couple of elements which makes describing the data you are after a little trickier than other questions and you should be aware prior to building your grid.

- Grid
- Rows
- Columns

Because a grid is made up of (potentially) multiple Grids as well as Rows and Columns we need to reference which part of the Matrix we are referring to.

In addition, while we might see columns on a Matrix it might not make logical sense to reference individual column when asking for its data.

For example, a **Multiple Choice, Single Selection** Matrix consists of Rows as well as Columns where you can only make a "Single Choice". In that case, you need only refer to the possible "Grid" and the "Row".

In comparison a **Single Range, Text Grid** consists of Rows as well as Columns where you can enter text for each combination of Row and Cell. In that case, you can refer to the possible "Grid", "Row" and "Column". In this case, you will return the text for an individual choice.

If "comments" are allowed on a choice-based Matrix, they will be for the entire row. Therefore, a format of "comments" may be available to obtain the comments.

Look at each question type of the proper combination required when a Matrix format is utilized and what parts of Grid, Row and Column you need to include.

Question Type Data Piping Reference

Text Questions

Single Line Text

subcode	*None*
format	lower upper

Examples

`[@SLTEXT|lower@]`

Multiple Line Text

subcode	*None*
format	lower upper

Examples

`[@MLTEXT|upper@]`

Single Range, Text Grid

subcode	x,y,z where x = GRID and y = ROW and z = CELL GRID must always be 1
format	lower upper

Examples

`[@TEXTGRID:1,1,4|lower@]`

Choice Questions

Multiple Choice, Radio Buttons
Hierarchical List

subcode	*None*
format	lower upper a,b,c,..,Z alternate values for each choice tag:TAGNAME where TAGNAME is the code of the TAG

Examples

```
[@MYSSL|lower@]
[@MYSSL|Alt2;Alt2;Alt3;@]
[@MYSSL|tag:MYDATA@]
```

Multiple Choice, Check Boxes
Multiple Choice, Cloud

subcode	x where x = CHOICE
format	lower upper a,b,c,..,Z alternate values for each choice tag:TAGNAME where TAGNAME is the code of the TAG

Examples

```
[@MYLIST|lower@]
[@MYLIST|Alt2;Alt2;Alt3;@]
[@MYLIST:1|tag:MYDATA@]
```

Multiple Choice, Drop Down List

subcode	*None*
format	lower upper a,b,c,..,Z alternate values for each choice

Examples

```
[@MYDROPDOWN|lower@]
[@MYDROPDOWN|Alt2;Alt2;Alt3;@]
```

Matrix Questions

Single Range, Radio Buttons

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	lower upper value comments tag:TAGNAME where TAGNAME is the code of the TAG

Examples

```
[@MYGRID:1,2@]
[@MYGRID:1,2|comments@]
```

Single Range, Check Boxes

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	lower upper value comments tag:TAGNAME where TAGNAME is the code of the TAG

Examples

```
[@MYGRID:1,2@]
[@MYGRID:1,2|comments@]
```

Dual Range, Radio Buttons

subcode	x,y,z where x = GRID and y = ROW
format	lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

Examples

```
[@MYGRID:1,2@]
[@MYGRID:2,4@]
```

Dual Range, Check Boxes

subcode	x,y,z where x = GRID and y = ROW
format	lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

```
[@MYGRID:1,2@]
[@MYGRID:2,4@]
```

Comparison

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

```
[@MYGRID:1,2@]
[@MYGRID:1,2|value@]
```

Best-Worst

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	leftrow will return the left choice selected row rightrow will return the right choice selected row leftchoice will return the left choice rightchoice will return the right choice lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

```
[@MYBEST:1,2@]
[@MYBEST:1,2|leftrow@]
```

Numeric

Number

subcode	*None*
format	*None*

Examples

`[@MYNUMBER@]`

Star Rating, 5 Stars

subcode	*None*
format	*None*

Examples

`[@MYSTARS@]`

Slider (Single Point)

subcode	*None*
format	*None*

Examples

`[@MYSLIDER@]`

Range Slider (Single & Double Points)

subcode	*None*
format	high or to low or from

Examples

`[@MYSLIDER|from@]`
`[@MYSLIDER|to@]`
`[@MYSLIDER@]`

Single Range, Numeric Grid

subcode	x,y,z where x = GRID and y = ROW and z = CELL GRID must always be 1
format	comments rowtotal – of the row total – of the column

Examples

```
[@NUMBERGRID:1,2,2@]
[@NUMBERGRID:1,1,4|rowtotal@]
[@NUMBERGRID:1,3,1|total@]
```

Date Questions

Date/Time

subcode	*None*
format	*None*

Examples

`[@MYDATE@]`

Ranking

Ranking
Ranking Choice Cloud
Ranking with Not Answered
Ranking Choice Cloud with Not Answered

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	rank lower upper value

<u>Examples</u>

```
[@MYRANK@]
[@MYRANK:2|rank@]
```

Demographic Questions

Demographic Address

subcode	fulladdress / address (default)
	addressline / address
	city
	state
	postalcode / zipcode / postcode / zip
	country
format	lower
	upper
	singleline

Examples

```
[@ADDRESS:fulladdress@]
[@ADDRESS:city|upper@]
[@ADDRESS:fulladdress|singleline@]
[@ADDRESS:1,2|tag:MOREINFO@]
```

Demographic Email

subcode	*None*
format	lower
	upper

Examples

```
[@EMAIL|lower@]
```

Demographic Name

subcode	fullname (default)
	firstname
	lastname / surname
	title
format	lower
	upper

Examples

```
[@NAME: fullname@]
[@NAME: lastname|upper@]
```

Demographic Phone

subcode	*None*
format	lower upper

Examples

`[@PHONE|lower@]`

Survey Content Questions

Image
Simple Text Content
Youtube Video

Not currently supported

Vimeo Video

subcode	*None*
format	min max average playcount restartcount starttime finishtime percentage seconds

<u>Examples</u>

```
[@MYVIDEO|min@]
[@MYVIDEO|max@]
[@MYVIDEO|average@]
[@MYVIDEO|playcount@]
[@MYVIDEO|restartcount@]
[@MYVIDEO|starttime@]
[@MYVIDEO|finishtime@]
[@MYVIDEO|percentage@]
[@MYVIDEO|seconds@]
```

Summary Question

subcode	*None*
format	*None*

<u>Examples</u>

```
[@MYSUMMARY@]
```

Advanced Questions

Slider Grid
Card Sort
Rating Statements

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

Examples

`[@MYCARDSORT:1,2@]`

Card Sort (Multiple Choice)

subcode	x,y,z where x = GRID and y = ROW GRID must always be 1
format	lower upper value tag:TAGNAME where TAGNAME is the code of the TAG

Examples

`[@MYGRID:1,2@]`

Constant Sum (Breakdown Sliders)
Constant Sum (Drag and Flag)

subcode	x,y,z where x = GRID and y = ROW and z = CELL GRID must always be 1 and CELL must always be 1
format	total

Examples

`[@SUM:1,2,1@]`
`[@SUM|total@]`

File Upload

subcode	*None*
format	*None*

<u>**Examples**</u>

`[@MYFILE@]`

Mapping Geolocation
Conjoint Analysis
Heatmap/Hotspot
JavaScript Script

Not currently supported