Charting Examples

MindTouch introduced an advanced charting tool in the Noatak release. Below are the sample outputs from the charting package, as well as sample code to invoke this functionality.

Pie Chart

Code Example

```
var pie_chart_data = {
Beverages: 9, Desserts:
15, Sandwiches: 40,
Salads: 21, Soups: 15 };

Chart{
    title: "Lunch Sales",
    type: "pie",
    data: pie_chart_data,
    height: 450,
    width: 450
};
```

Single/Multi-Series Line Chart

Code Example

```
var line_chart_data = {

Europe:[{Q1:17},{Q2:21},{Q3:13},{Q4:41}],

US:[{Q1:20},{Q2:18},{Q3:13},{Q4:25}],

Japan:[{Q1:12},{Q2:24},{Q3:18},{Q4:33}]
            };

Chart {
```

```
    type:"line",
    data: line_chart_data,
    xaxis: "2009",
    yaxis: "Price (in US Dollars)",
    title: "Price per widget",
    height:"450",
    width:"450"
};
```

Column Chart

Code Example

```
var column_chart_data =
[{Damien:17}, {Roy:31},
{Bob:63}];

Chart{
    type:"column",
    data:
column_chart_data,
    height:"450",
    width:"450"
};
```

Multi-Series Column

Code Example

```
var
multiseriescolumn_chart_data
= {
    Damien:[
        {Q1:17},
        {Q2:31},
        {Q3:63},
        {Q4:6}
    ],
    Roy:[
        {Q1:27},
        {Q2:13},
```

```
        {Q3:16},
        {Q4:63}
    ],
    Bob:[
        {Q1:72},
        {Q2:21},
        {Q3:43},
        {Q4:19}
    ],
    Emily:[
        {Q1:69},
        {Q2:14},
        {Q3:7},
        {Q4:23}
    ]
};

Chart{
    type:"multiseriescolumn",
    data:
multiseriescolumn_chart_data,
    height:"450",
    width:"450"
};
```

Bar Chart

Code Example

```
var bar_chart_data =
[{Damien:117}, {Roy:131},
{Bob:93}, {Emily:143}];

Chart{
    type:"bar",
    data: bar_chart_data,
    height:"450",
    width:"450"
};
```

Multi-Series Bar Chart

Code Example

```
var
multiseriesbar_chart_data
= {
     Damien:[
           {Q1:17},
           {Q2:31},
           {Q3:63},
           {Q4:6}
     ],
     Roy:[
           {Q1:27},
           {Q2:13},
           {Q3:16},
           {Q4:63}
     ],
     Bob:[
           {Q1:72},
           {Q2:21},
           {Q3:43},
           {Q4:19}
     ],
     Emily:[
           {Q1:69},
           {Q2:14},
           {Q3:7},
           {Q4:23}
    ]
};

Chart{
    type:"multiseriesbar",
    data:
multiseriesbar_chart_data,
    height:"450",
    width:"450"
};
```

Circular Gauge

Code Example

```
var
circular_gauge_chart_data
= 67;

Chart{
    type:"circulargauge",
    data:
circular_gauge_chart_data,
    height:"450",
    width:"450"
};
```

Linear Gauge Chart

Code Example

```
var
linear_gauge_chart_data =
42;

Chart{
    type:"lineargauge",
    data:
linear_gauge_chart_data,
    height:"450",
    width:"450"
};
```

Funnel Chart

Code Example

```
var funnel_chart_data =
[{"Website
Visits":528756},
{Downloads:164052},
```

```
{"Valid Contacts":112167},
{"Interested to
Buy":99128},
{Purchased:63876}];

Chart{
    type:"funnel",
    data:funnel_chart_data,
    height:"450",
    width:"450"
};
```

Pyramid Chart

num is not valid; expected list or map or xml or nil: /content/body/pre, line 103, column 26 (click for details)

Code Example

```
var pyramid_chart_data =
{Damien:1543, Roy:1011,
Bob:833, Emily:1323};

Chart{
    type:"pyramid",

data:pyramid_chart_data,
    height:"450",
    width:"450"
};
```