



Mastering Liquid

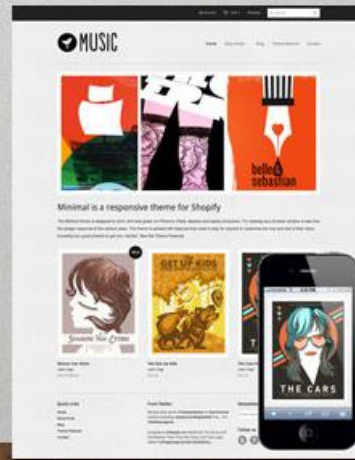
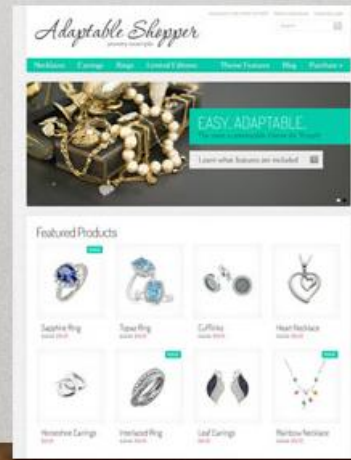
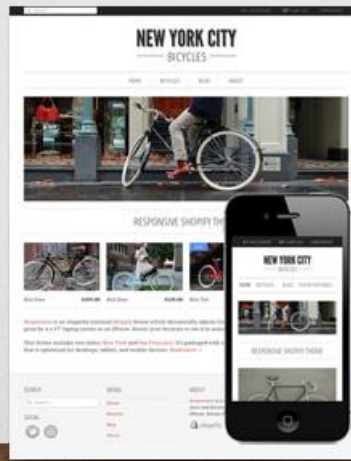
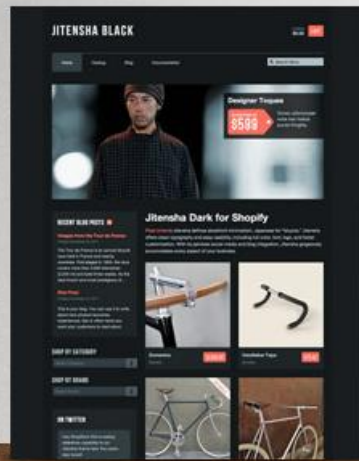






shopify







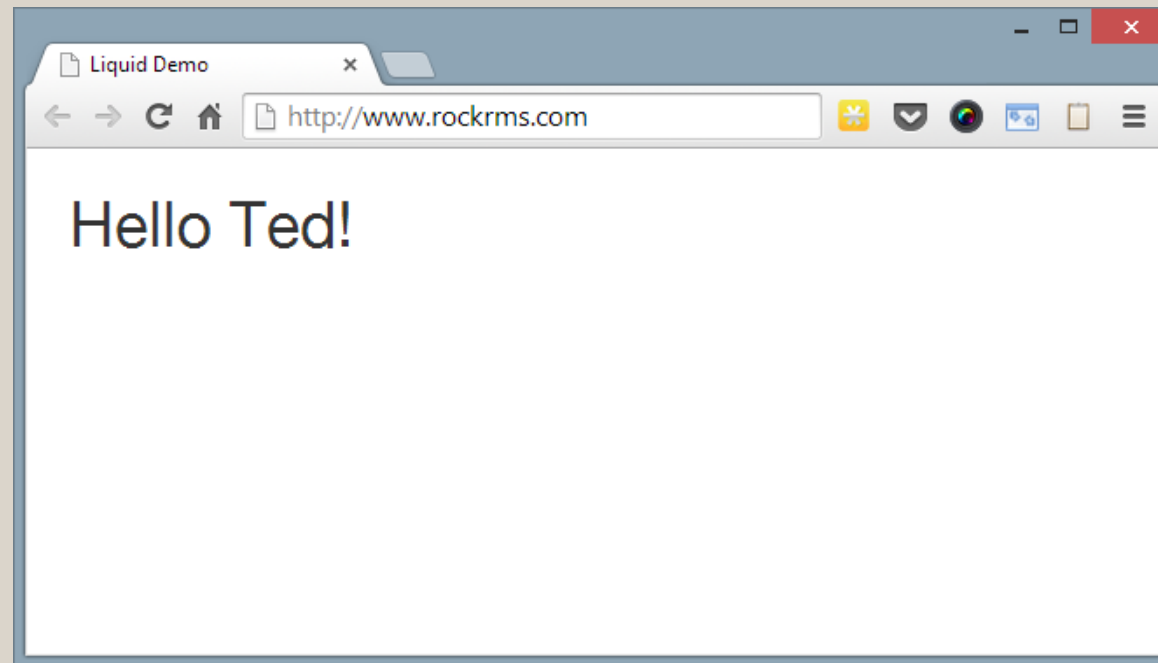


Markup Tags

Data

```
“Person”: {  
  “NickName”: “Ted”,  
  “LastName”: “Decker”  
}
```

```
<h1>Hello {{ Person.NickName }}!</h1>
```

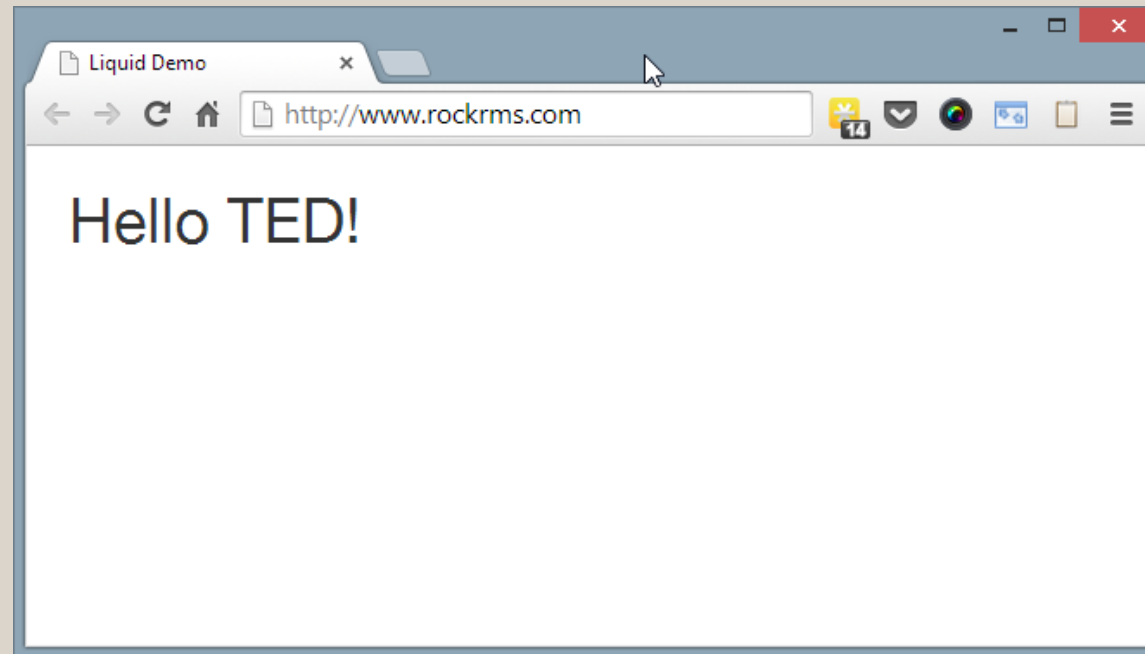


Filters

Data

```
“Person”: {  
  “NickName”: “Ted”,  
  “LastName”: “Decker”  
}
```

```
<h1>Hello {{ Person.NickName | Uppcase }}!</h1>
```



Text Filters

- Uppercase
 - Downcase
 - TitleCase
 - Pluralize
 - Singularize
 - Size
 - StripHtml
 - Replace
 - ReplaceFirst
 - Remove
 - RemoveFirst
 - Truncate
 - TruncateWords
 - Capitalize
 - StripHtml
 - NewlineToBr
- (and others)



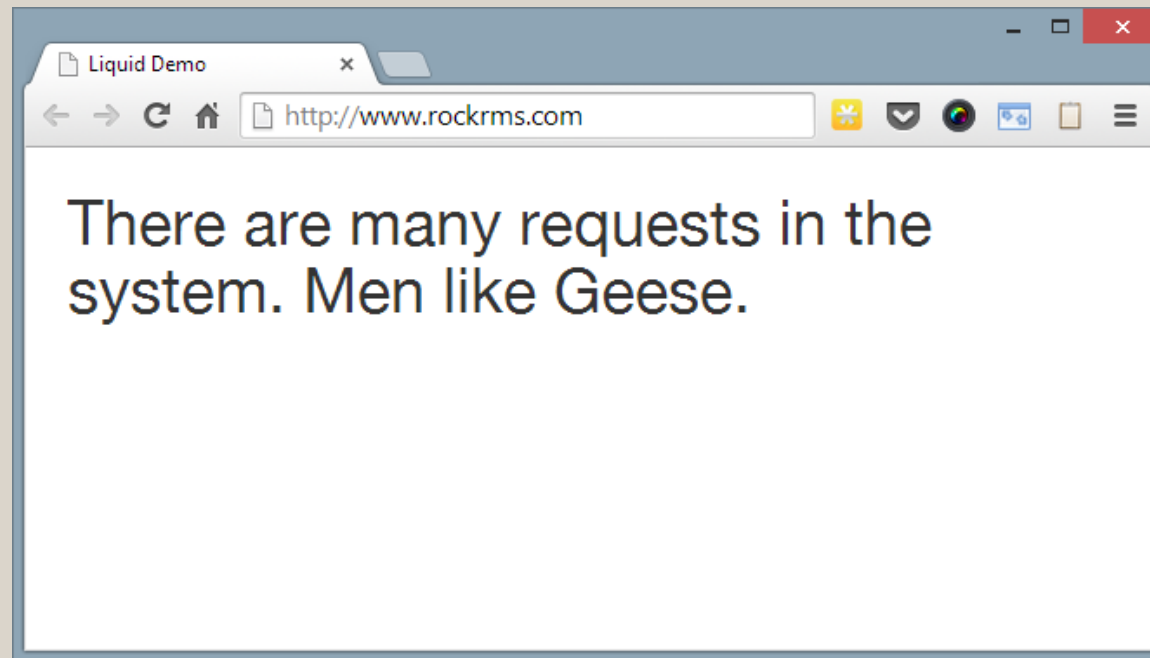
Data

```
"Workflow": {  
  "WorkTerm": "Request"  
}
```

Text Filters... Awesomeness

Pluralize

There are many `{{ Workflow.WorkTerm | Pluralize |
Downcase }}` in the system. `{{ 'Man' | Pluralize }}`
like `{{ 'Goose' | Pluralize }}`.



Numeric Filters

- NumberToOrdinal
 - NumberToWords
 - ToQuantity
 - ToString
 - Plus
 - Minus
 - Times
 - Divide
 - Modulo
- NumberToRomanNumerals
 - NumberToOrdinalWords
- (and others)



Data

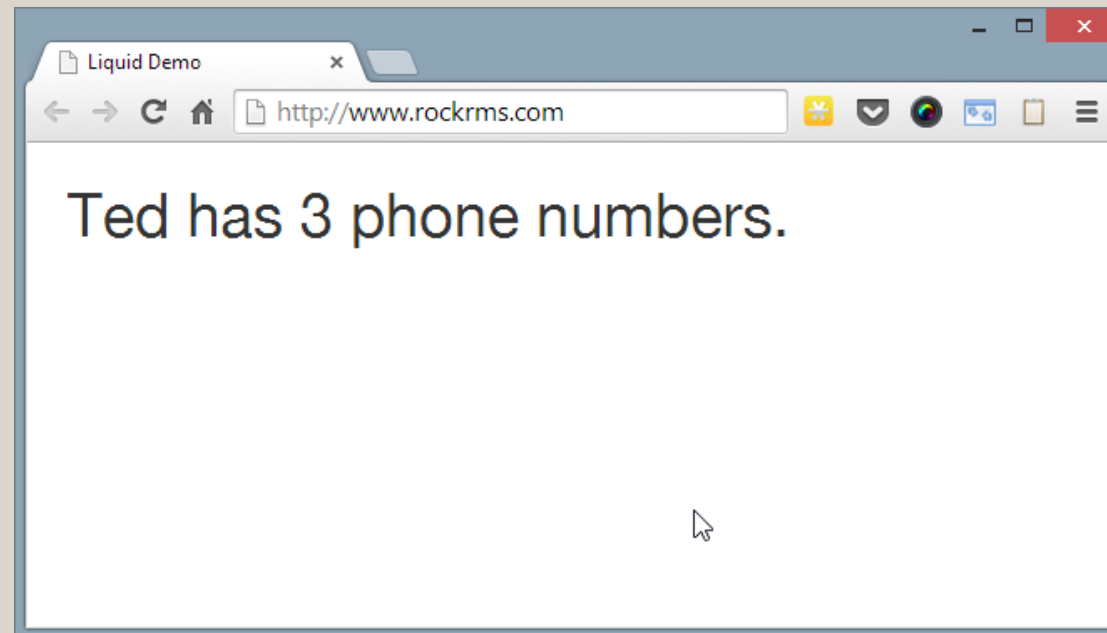
```
"Person": {  
  "PhoneNumbers": [  
    {  
      "NumberFormatted": "(555) 555-5551"  
    },  
    {  
      "NumberFormatted": "(555) 555-5552"  
    },  
    {  
      "NumberFormatted": "(555) 555-5553"  
    }  
  ]  
}
```



Numeric Filters... Awesomeness

ToQuantity

```
{% assign phonecount = Person.PhoneNumbers | Size %}  
Ted has {{ 'phone number' | ToQuantity:phonecount }}.
```



Date Filters

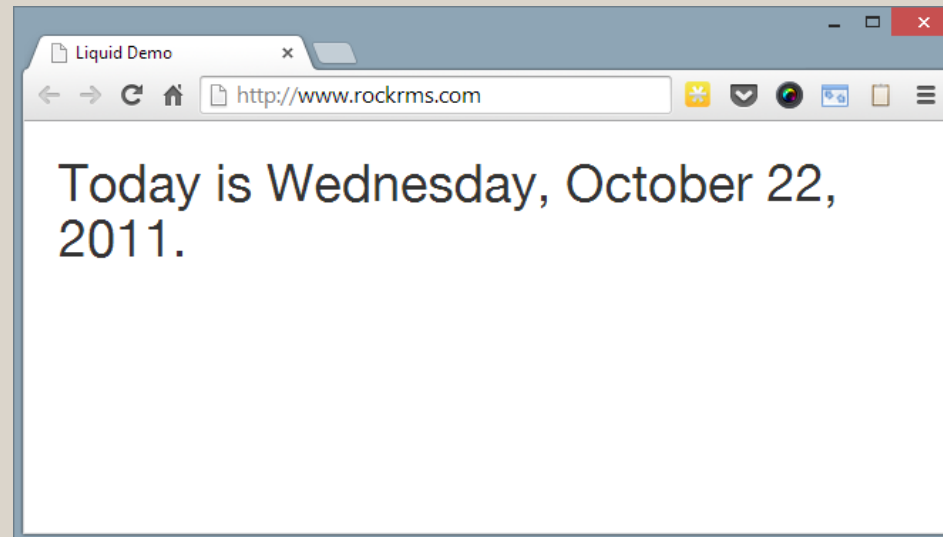
- Date
- DateDiff
- HumanizeTimeSpan
- HumanizeDateTime



Date Filters... Awesomeness

Date

Today is {{ 'Now' | Date:'dddd, MMMM d, yyyy' }}.



Data

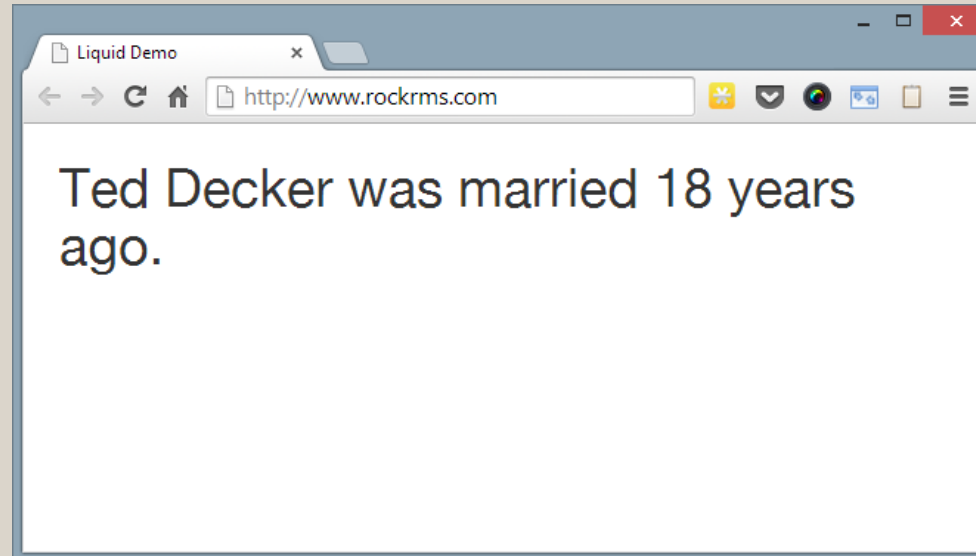
```
"Person": {  
  "FullName": "Ted Decker",  
  "AnniversaryDate": '12/23/1995',  
}
```



Date Filters... Awesomeness

HumanizeDateTime

```
{{ Person.FullName }} was married {{ Person.AnniversaryDate  
| HumanizeDateTime }}.
```

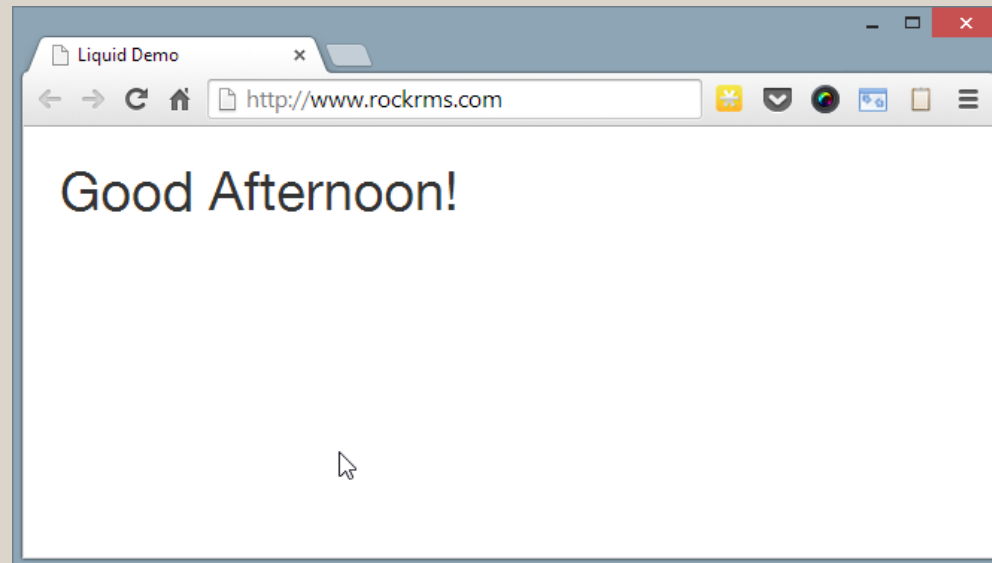


{% Tagging %}



Assignment & If

```
{% assign hour = 'Now' | Date:'H' %}  
  
{% if hour <= 12 %}  
    Good Morning!  
{% elseif hour < 18 %}  
    Good Afternoon!  
{% else %}  
    Good Evening!  
{% endif %}
```

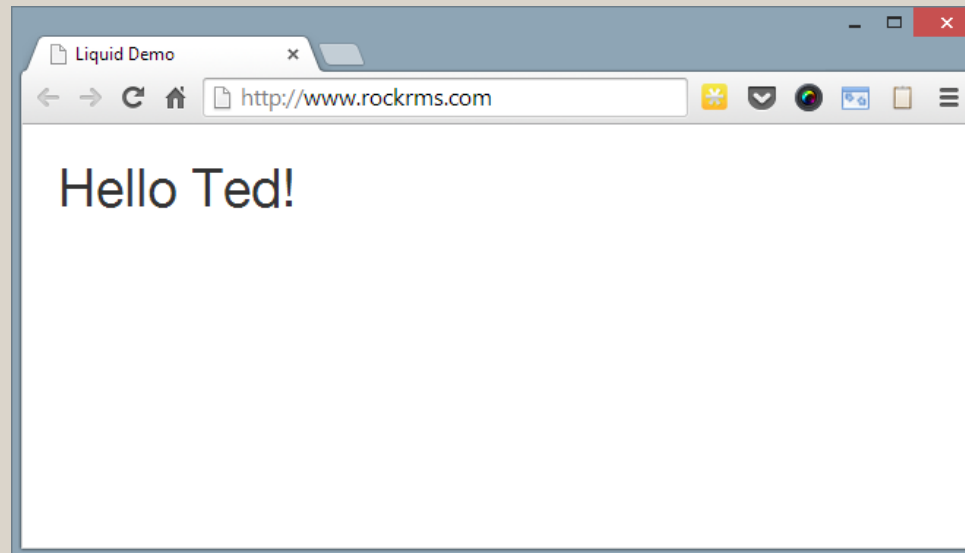


Data

```
"Person": {  
  "NickName": "Ted",  
  "LastName": "Decker"  
}
```

Case

```
{% case Person.NickName %}  
{% when 'Ted' %}  
  Hello Ted!  
{% when 'Alisha' or 'Bill' %}  
  Hi Marbles!  
{% else %}  
  Have we met?  
{% endcase %}
```

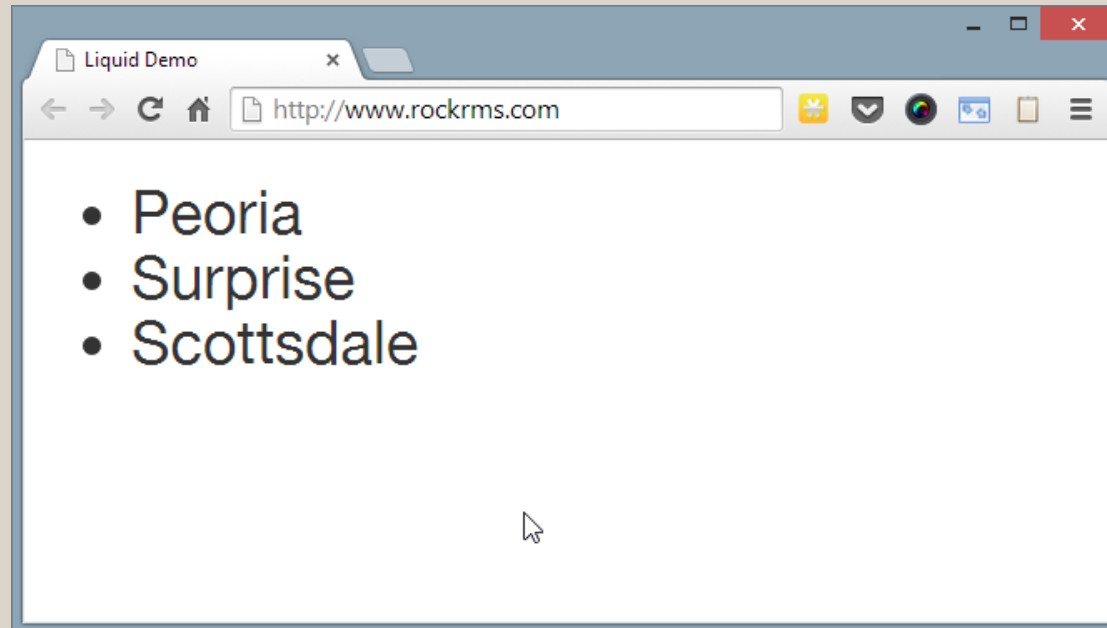


Data

```
"Campuses": [  
  { "Name": "Peoria" },  
  { "Name": "Surprise" },  
  { "Name": "Scottsdale" }]
```

For

```
<ul>  
  {% for campus in Campuses %}  
    <li> {{ campus.Name }} </li>  
  {% endfor %}  
</ul>
```



Data

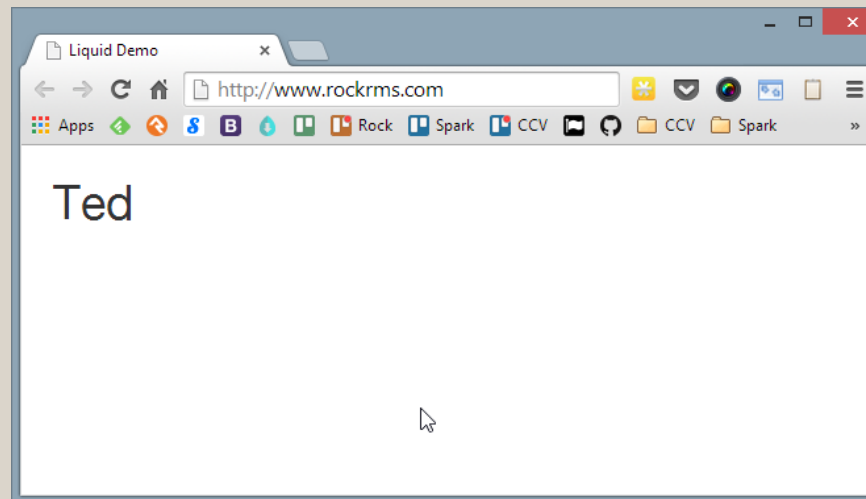
```
“Person”: {  
  “NickName”: “Ted”,  
  “LastName”: “Decker”  
}
```

Include

```
{% include 'MyInclude' %}
```



_MyInclude.liquid



**Where can you use Liquid
Lava?**





SAMPLE: Car Show

Curabitur a neque in nibh pretium rutrum nec pharetra ligula. Nulla molestie imperdiet rhoncus. Nulla non semper sapien. Phasellus vel nisi vel ante imperdiet lacinia eu quis odio. In et felis eu sem luctus lacinia. Donec et purus eu dui luctus vehicula.

[View details »](#)

SAMPLE: Bible in One Year

Maecenas eget elit dui. Nullam eu elementum ante. Morbi placerat in nisi eget hendrerit. Cras facilisis massa sit amet luctus dictum. Quisque pretium sapien vitae tincidunt molestie. Etiam eu lacinia odio. Nullam sit amet interdum lectus.

[View details »](#)

SAMPLE: Rock Solid Finances

Nulla vitae imperdiet lorem. Curabitur adipiscing lectus magna, vel pellentesque lorem semper quis. Nullam blandit neque sapien, ac lobortis quam mollis ac.

[View details »](#)

Website Blog

[Home](#) / [Blog](#)

Mea Animal Aperiam Ornatus Eu

Dolor intellegebat ad vim. Clita tritani labores eu vis. Aequae aliquip detraxit vis id, eos ad nibh intellegat, vide officiis theophrastus at nec.

[Read more](#) >

Probo Senserit Id Mea, Ut Sed Malis Postea,

In tritani eleifend comprehensam cum, pro autem cotidieque et. Malis affert eu sea, ne ponderum menandri incorrupte sed. Ne quod dico sea, no lorem homero assueverit eos.

[Read more](#) >

Ea Harum Albucius Mel

Ea principes voluptaria mei, malis vocibus cu usu, in oporteat consetetur mei. Ullum scribentur eu usu, inani appellantur vel id, vel aequae bonorum menandri ei.

[Read more](#) >

An Esse Tacimates Mel

Vim brute volumus no. Epicuri moderatius complectitur duo ex, has eu suscipit scripserit. In eius eligendi pro. At impedit pericula duo.

[Read more](#) >

Malis Possim Tritani Eos Ne

Ei sea discere persequeris deterruisset. Vim consul dolorum detraxit in, in quo diam rationibus. Nam ex alii bonorum dolorem, has malis urbanitas liberavisse id, amet purto eu vis.

[Read more](#) >

[< Prev](#)

[Next >](#)

Blog Sidebar

Blog sidebar information goes here.



HR Entry

Name *

HR Entry

☒ Action is Completed on Success

☒ Activity is Completed on Success

Action Type

User Entry Form

Notification Email ?

Workflow Form Notification

Include Actions in Email ?

☒ Yes

Form Header ?

```
1 <h1>HR Entry</h1>
2 <p>
3   {{ Workflow.Requestor }} has requested a new {{ Workflow.PositionTitle }}
4   position. Please complete the addition items below so that this position
5   can move on for approval.
6 </p>
```

Form Fields ?

Field	Visible	Editable	Required	Hide Label	Pre-Html	Post-Html
<input type="checkbox"/> Requestor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Position Title	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Position Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Number of Hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Job Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Salary Range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Other Places

- Emails
- Dynamic Data Block
- Badges
- Giving Blocks
- Many many more...



Adding Liquid to Custom Blocks

```
// define merge fields
var mergeFields = new Dictionary<string, object>();
mergeFields.Add( "Campuses", CampusCache.All() );

string content = @ " <ul>
    {% for campus in Campuses %}
    <li> {{ campus.Name }} </li>
    {% endfor %}
</ul> ";

IContent.Text = content.ResolveMergeFields(mergeFields);
```





rockrms.com/lava

