Instructor No



Angular JS Filters

Instructor Notes:



Instructor Notes:

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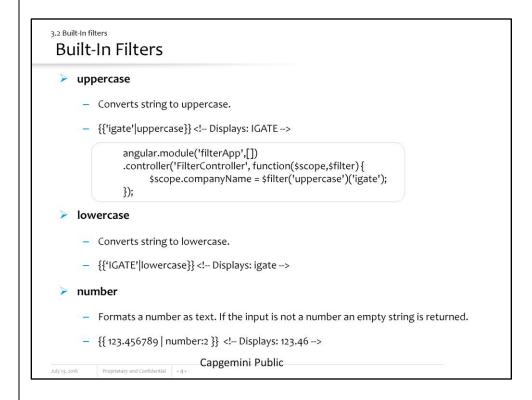
3.1: Introduction to Filters

Filters

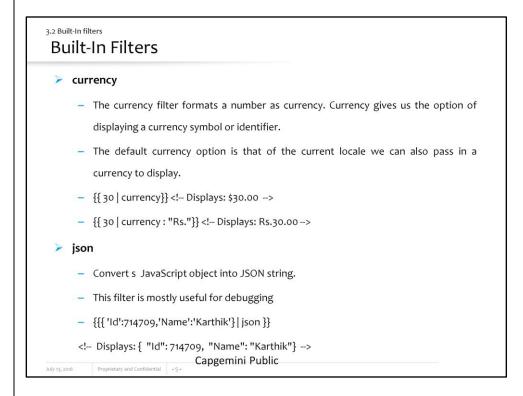
- > A filter formats the value of an expression for display to the user.
- Filters can be invoked in HTML with the | (pipe) character inside the template.
- We can also use filters from within JavaScript by using the \$filter service.
- To pass an argument to a filter in the HTML form, we pass it with a colon after the filter name (for multiple arguments, we can simply append a colon after each argument)
- Angular gives us several built-in filters as well as an easy way to create our own.

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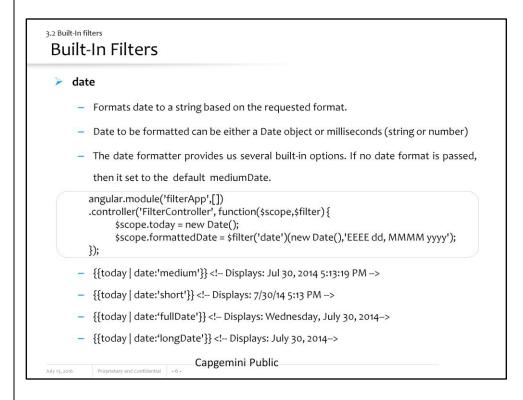
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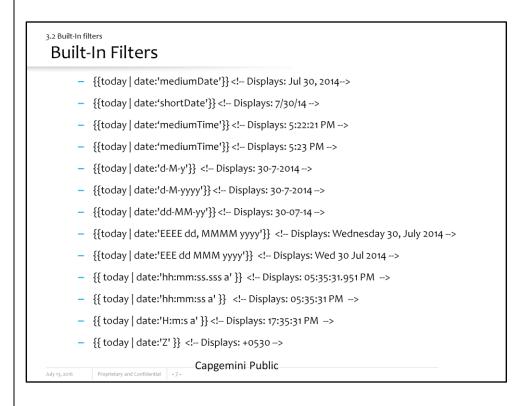
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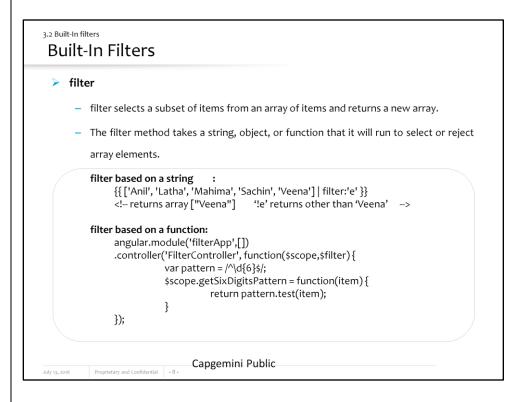
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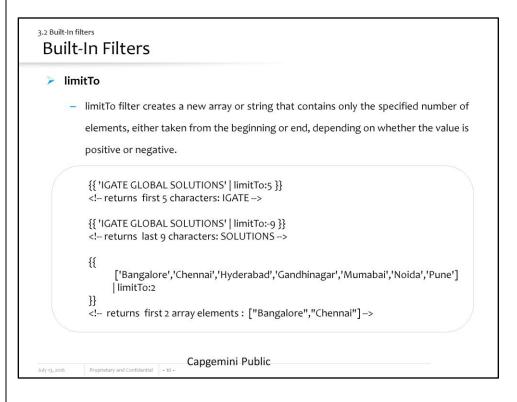
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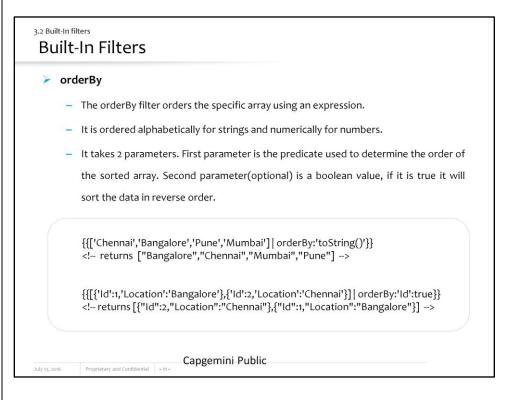
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3.2 Built-In filters
 Built-In Filters
              \label{eq:continuous} $$ \{ ['714709', '562A', '044-235', '801234', 'ABC'] | filter:getSixDigitsPattern \} $$
              <!-- return array ["714709","801234"] -->
              filter based on a object:
                     {{
                                  {"Id":1,"Name":"Anil","Location":"Mumbai"},
                                  {"Id":2,"Name":"Latha","Location":"Bangalore"},
                                  {"Id":3,"Name":"Mahima","Location":"Pune"},
{"Id":4,"Name":"Sachin","Location":"Mumbai"},
{"Id":5,"Name":"Veena","Location":"Pune"}
                            ] | filter:{"Location":"Mumbai"}
                     }}
                     <!-- returns array
                     [
                            {"Id":1,"Name":"Anil","Location":"Mumbai"},
                            {"Id":4,"Name":"Sachin","Location":"Mumbai"}
                     ]
                     -->
                                         Capgemini Public
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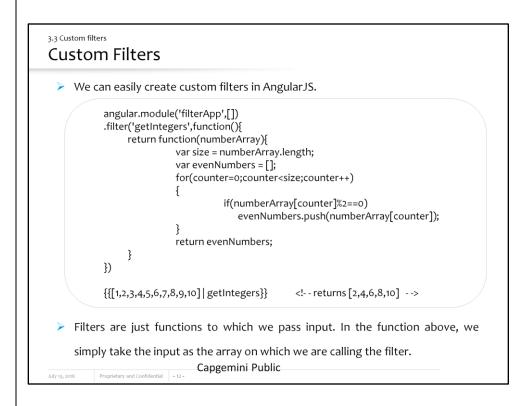
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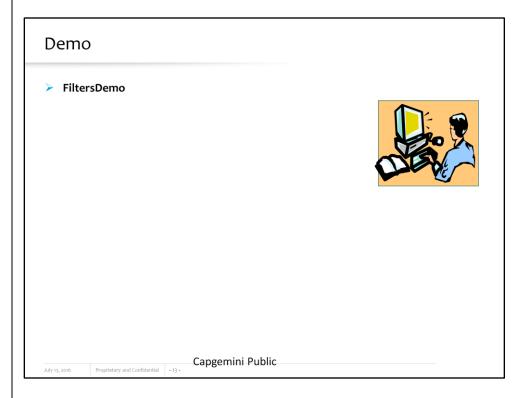
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Add instructor notes here.

Summary

- > Filters are just functions to which we pass input.
- Filters can be invoked in HTML with the | (pipe) character inside the template.
- We can indicate a parameter to a filter using a colon (:)
- We can limit a filter to only search in a specific field
- We can specify custom date formats using date filter



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