String Patterns in CA DevTest

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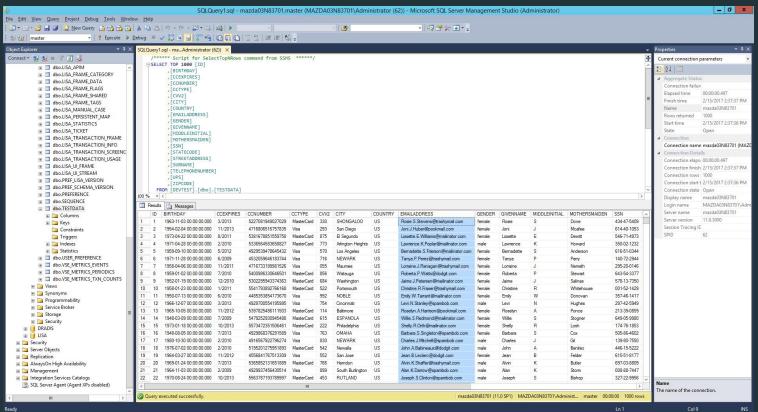
What are String Patterns?

- String patterns are special types of property expressions
 - Use the syntax: {{=[:patternname:]}}
 - Where "{{" denotes a property, "=[" signals a string pattern, and ":" encloses the pattern name
- There are many different String Patterns available out-of-the-box
 - First and last names and middle initials
 - Street addresses, states, countries, and zip codes
 - Telephone numbers and email addresses
 - Social Security numbers, credit card numbers, and expiration dates
- You can create your own String Patterns!
- Of course there are also property expressions and regular properties



Where is the test data stored?

This data comes from the TESTDATA table in the DEVTEST database





How do I use pre-define String Patterns?

To insert a first name, the string pattern property would be

```
{{=[:First Name:]}}
```

 The property would evaluate to a first name from the test data DB and look like a real name

```
Andrea
```

This behavior is much better than the possibility of dealing with random strings that do not look like a real name!



How do I create my own String Patterns?

- Use the Custom String Generator!
- Or simply follow the syntax
- Example telephone number pattern
 - {{=[\(DDD\)DDD\-DDDD]}}

or

- {{=[(DDD)DDD-DDDD]}}

These patterns generate strings based on the following definitions: Pattern-based

D - digit (0-9)

H - hex digit (0-9, A-F)

h - hex digit (0-9, a-f)

X - hex digit (0-9, A-F, a-f)

L - letters (A-Z)

I - letters (a-z)

A - alphanumeric

P - punctuation

. - (dot) anything printable

[1,2,3] - randomly choose among the options shown

{0,9,8} - do not allow these on the previous spec

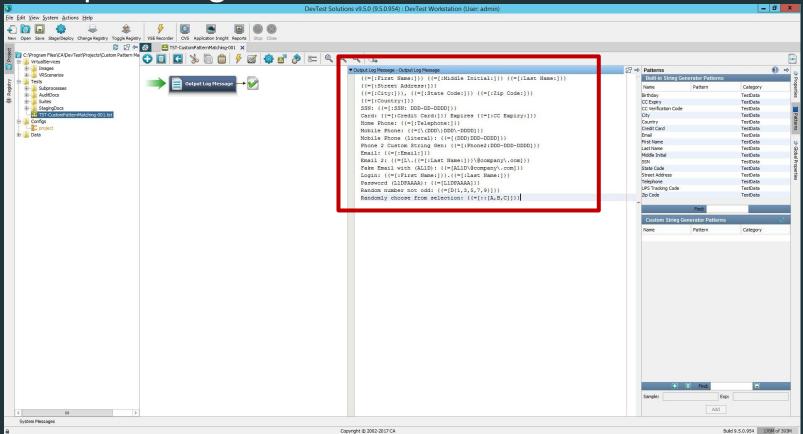
\ - take the following char as a literal

*(N[-M]) - repeat the pattern N times, or randomly N-M times if M is present

Anything that is not a pattern char IS a literal, for example Jo\hnDDD would be "John123" or the like.

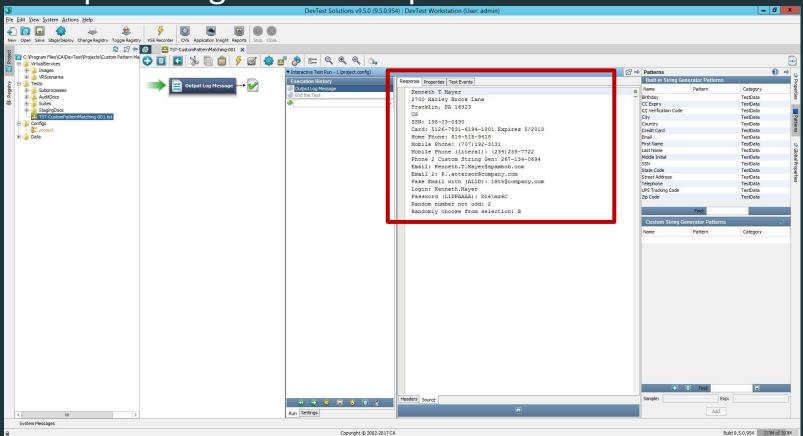


Example String Patterns





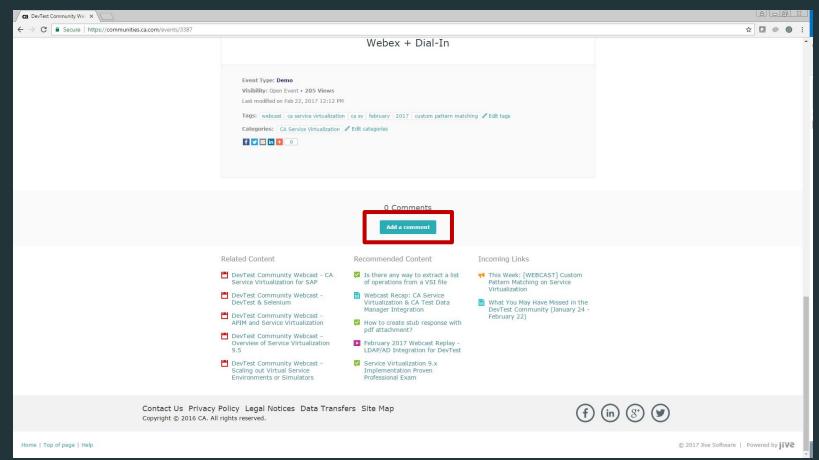
Example String Pattern Response





Demo Time!

Questions? Submit a comment to the event!







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