Trestle™ 5.9 Release Notes

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Trestle's 5.9 is an API-only release.

Support for Nested OData string functions in $filters

This release adds support for nested string functions in WebAPI filter statements. This enables greater sophistication in text searching, most notably including case insensitive substring searching.

Examples include:

```
$filter=contains(tolower(StreetName), 'main') /// case insensitive substring
$filter=startswith(tolower(StreetName), 'main') /// case insensitive at start of string
$filter=endswith(tolower(StreetName), 'main') /// case insensitive at end of string
$filter=indexof(tolower(StreetName), 'main') eq 0 /// case insensitive test a position
$filter=substring(tolower(City), 4) eq 'york' /// case insensitive at position
$filter=trim(tolower(City)) eq 'new york' // case insensitive w/ trimmed spaces
```

The `toupper()` function works in all these examples too.

One casualty of this update is the `concat()` function, which would have been difficult to migrate to this new logic, and from our analysis of search logs, does not appear to be in any real world use. *As of this release the `concat()` function is not supported in $filter statements.*

This seems like a good trade-off to us, but it is a potential breaking change. Please tell us in your support Slack channel if you have a use case for `concat()` that you want to argue for, or if we can help you come up with a workaround for it.

Your Feedback Wanted

We're eager to hear your thoughts about this release. Your feedback is a key factor in setting product priorities, so hearing from you is very important to us!

Feel free to reach out at any time with feature requests, bug reports, or any other idea that would make your business more productive or easier to operate!

Your contact for feedback on Trestle is:

Dan Ray
Principal, Technical Product Manager
daray@corelogic.com

Thank you!