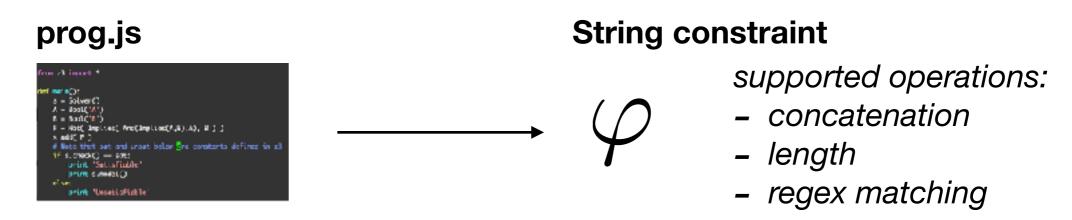
What is Decidable about String Constraints with the ReplaceAll Function

Strings are a generic but error-prone data type

Vision: a rich string constraint language & fast string solver



This paper: adding replaceAll to string constraints

e.g. replaceAll("I eat meat", "eat", "slice") = "I slice mslice"

Can model functions important in analysis of XSS vulnerabilities!