

# An Intro to Small String Optimization

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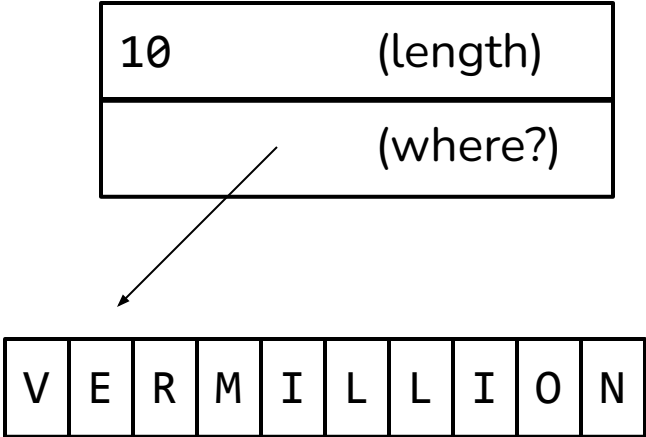
## Outline

- What are strings/why optimize?
- Technical overview of strings
- How we can optimize

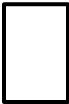
# An Intro to Small String Optimization: What are strings/why optimize?



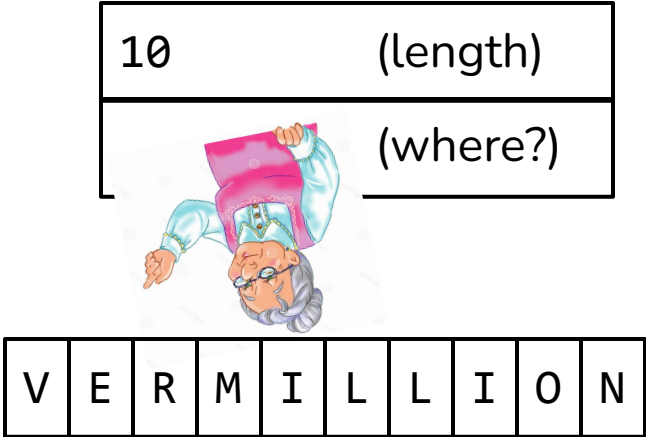
# An Intro to Small String Optimization: Technical overview of strings



**KEY**

 one byte, to scale

# An Intro to Small String Optimization: Technical overview of strings



## KEY

 one byte, to scale

# An Intro to Small String Optimization: How we can optimize

inlining!

10	(len)	V	E	R	M
I	L	L	I	O	N

24	(len)	I	N	T	E
(where?)					

prefixes!

R	N	A	T	I	O	N	A	L		K	L	E	I	N		B	L	U	E
---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---

# An Intro to Small String Optimization: How we can optimize

inlining!

10 (len)		V	E	R	M
I	L	L	I	O	N

24 (len)		I	N	T	E
(where?)					

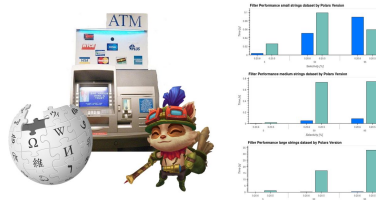
prefixes!

R	N	A	T	I	O	N	A	L		K	L	E	I	N		B	L	U	E
---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---

# Questions?

## Outline

- What are strings/why optimize?

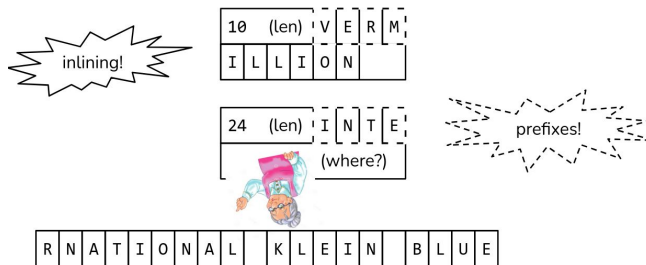


- Technical overview of strings

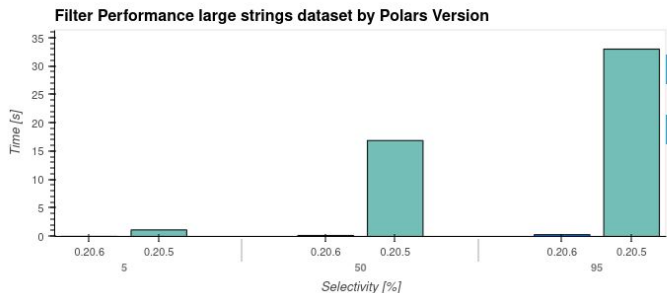
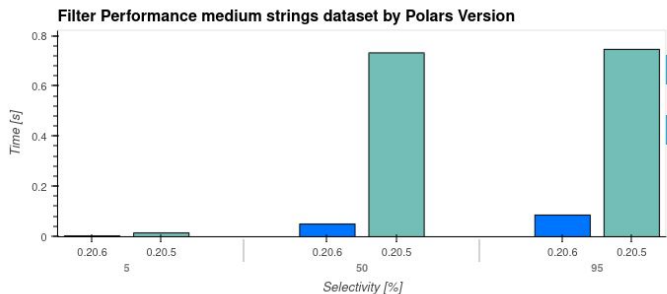
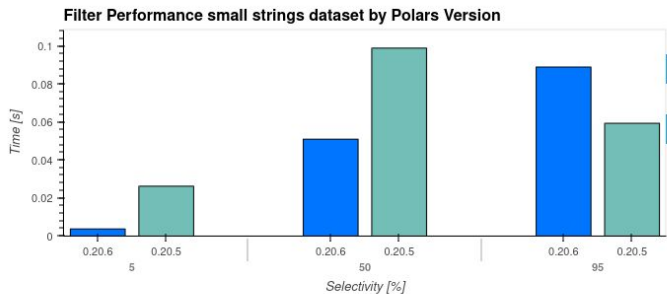


V E R M I L L I O N

- How we can optimize



# An Intro to Small String Optimization: Unused assets/production notes



H E L L O !

H E L L O ! : )

*c style strings*

Slidedeck produced with Google Slides

Fonts used:

- Nunito (body/titles)
- Consolas (monospace)

Amaranth Deep Purple is a nice sounding color