https://www.trojansource.codes/

https://twitter.com/matthew_d_green/status/1455507627027402759
https://twitter.com/LiveOverflow/status/1455288276764532737

Code that looks like this:

```
/* if (isAdmin) { begin admins only */
```

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```
/* if (isAdmin) { begin admins only */
```

... is really this:

```
/* begin admins only */ if (isAdmin) {
```

Adversaries attack **the encoding of source code files** to inject vulnerabilities.

The trick is to use **Unicode control characters** to reorder tokens in source code at the encoding level.

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What you see:

```
access_level = "user"
if access_level != "user":   # Check if admin
    print("You are an admin.")
```

What you see:

```
access_level = "user"
if access_level != "user":   # Check if admin
    print("You are an admin.")
```

What you get:

```
access_level = "user"
if access_level != \
   "userRLOLRI # Check if  admin PDILRI":
    print("You are an admin.")
```

Is Klein vulnerable?

- limited, specified character set
- limited, well-defined whitespace
- no strings

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- limited, specified character set
- limited, well-defined whitespace
- no strings

But:

- double-ended comments
- **no restriction on characters that can appear in a comment!**

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