



A lightning talk
By Gary Fredericks
At OpenSourceOpenMic
In Chicago, IL
On August 3rd 2017

- is a quine
- is a database

What I'm going to talk about

- What is a quine
- Demo of QuineDB
- How to make a quine
- How to make a quine that stores data

- A program that prints its own source code
- Without cheating

This slide intentionally left blank.

How to Make a Quine

The Structure of a Quine

public static void main string args
here is a string or something

public static void main string args
here is a string or something

take the string, replace the hole
with itself, and print it

take the string, replace the hole
with itself, and print it

```
s = 's = %r \nprint(s%%s) '  
print(s%s)
```



```
s = 's = %r \nprint(s%%s) '  
print(s%s)
```

QuineDB Design

The Structure of QuineDB

```
#!/usr/bin/env bash  
etc...
```

```
DB=()
```

```
PREAMBLE=
```

```
POSTAMBLE=
```

```
#!/usr/bin/env bash  
etc...
```

```
Handle Args  
Print $PREAMBLE,  
the DB,  
the amble vars,  
and $POSTAMBLE
```

```
Handle Args
```

```
Print $PREAMBLE,  
the DB,  
the amble vars,  
and $POSTAMBLE
```

QuineDB

It's as production-ready as it's ever going to be!

<https://github.com/gfredericks/quinedb>