

Current state of GCC support for PPU

Arthur Heimbrecht

November 17, 2016

- 1 Basic compiler structure
- 2 PPU programming until now
- 3 Why GCC?
- 4 Current state of PPU backend

Basic compiler structure

Test

Probl

```
int main()
```

Problems are inevitable

```
int main()
```

```
int main()
```

PPU programming until now

GCC vs. LLVM

Current state of PPU backend - First steps

Current state of PPU backend - Create built-in function

Conclusion