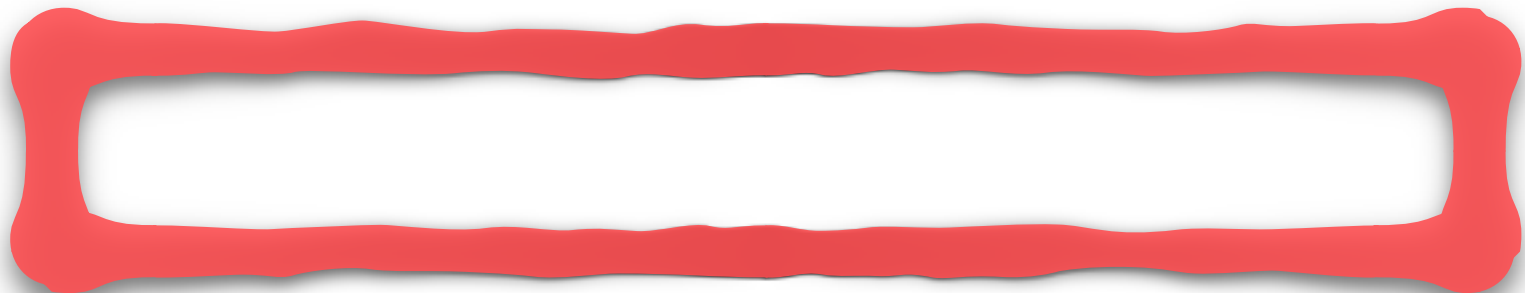



```
(gdb) set debug remote
(gdb) tar ext :2000
Remote debugging using :2000
[remote] start_remote_1: enter
  [remote] Sending packet: $qSupported:multiprocess+;swbreak+;hwb
reak+;qRelocInsn+;fork-events+;vfork-events+;exec-events+;vContSu
pported+;QThreadEvents+;no-resumed+;memory-tagging+;ec
  [remote] Received Ack
  [remote] Packet received: PacketSize=400;qXfer:memory-map:read+
;qXfer:features:read+;vContSupported+
  [remote] packet_ok: Packet qSupported (supported-packets) is su
pported
  [remote] Sending packet: $vCont?#49
  [remote] Received Ack
  [remote] Packet received: vCont;c;C;s;t
  [remote] packet_ok: Packet vCont (verbose-resume) is supported
```





Not Covering Debug Software

Good tooling exists already

- OpenOCD
- pyOCD
- probe-rs
- BMDA
- **GDB**

```
(gdb) set debug remote
```

```
(gdb) tar ext :2000
```

```
Remote debugging using :2000
```

```
[remote] start_remote_1: enter
```

```
[remote] Sending packet: $qSupported:multiprocess+;swbreak+;hwb  
reak+;qRelocInsn+;fork-events+;vfork-events+;exec-events+;vContSu  
pported+;QThreadEvents+;no-resumed+;memory-tagging+#ec
```

```
[remote] Received Ack
```

```
[remote] Packet received: PacketSize=400;qXfer:memory-map:read+  
;qXfer:features:read+;vContSupported+
```

```
[remote] packet_ok: Packet qSupported (supported-packets) is su  
pported
```

```
[remote] Sending packet: $vCont?#49
```

```
[remote] Received Ack
```

```
[remote] Packet received: vCont;c;C;s;t
```

```
[remote] packet_ok: Packet vCont (verbose-resume) is supported
```


Minimum Viable Debugger Hardware