Prague Containers Meetup

Jakub Veverka - @jwerak

David Bečvařík - @dbecvarik

@PrgCont (#PragueContainerMeetup)
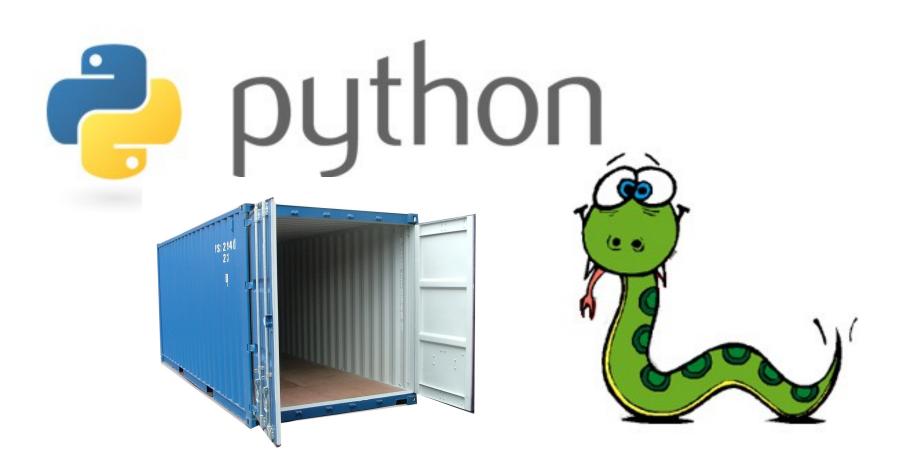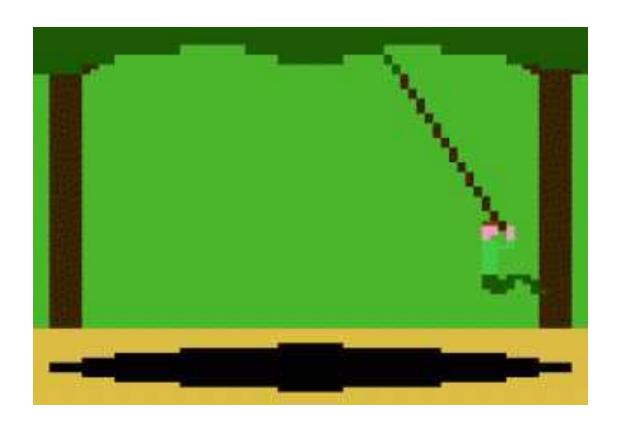
http://prgcont.cz

OPEN
SERVICE
BROKER
API™

Container Workshop

PID 1 pitfalls

It's easy to fix!

```python
import signal, os

def handler(signum, frame):
    print 'Signal handler called with signal', signum

signal.signal(signal.SIGTERM, handler)
```

```go
signal.Notify(sigs, syscall.SIGINT, syscall.SIGTERM)

go func() {
    sig := <-sigs
    fmt.Println()
    fmt.Println(sig)
    done <- true
}()
```

```c
#include <stdio.h>
#include <signal.h>

static void pSigHandler(int signo){
    switch (signo) {
            case SIGTSTP:
            printf("TSTP");
            fflush(stdout);
            break;
    }
}

int main(void)
{
    struct sigaction psa;
    psa.sa_handler = pSigHandler;
    sigaction(SIGTSTP, &psa, NULL);
    for(;;) {}
}
```

```javascript
process.on('SIGINT', function() {
    console.log("Caught interrupt signal");
    process.exit();
});
```

docker init

- docker run --init
- battery included
- raises complexity

dumb-init

- init system for Docker
- somehow popular
- small codebase
- external dependency