

A hand wearing a tan sweater sleeve holds a white rectangular sign. The sign has three horizontal sections. The middle section contains the word "HELLO" in bold, black, uppercase letters, with each letter in its own small white box. The top and bottom sections of the sign are empty. The background is a plain, light-colored wall.

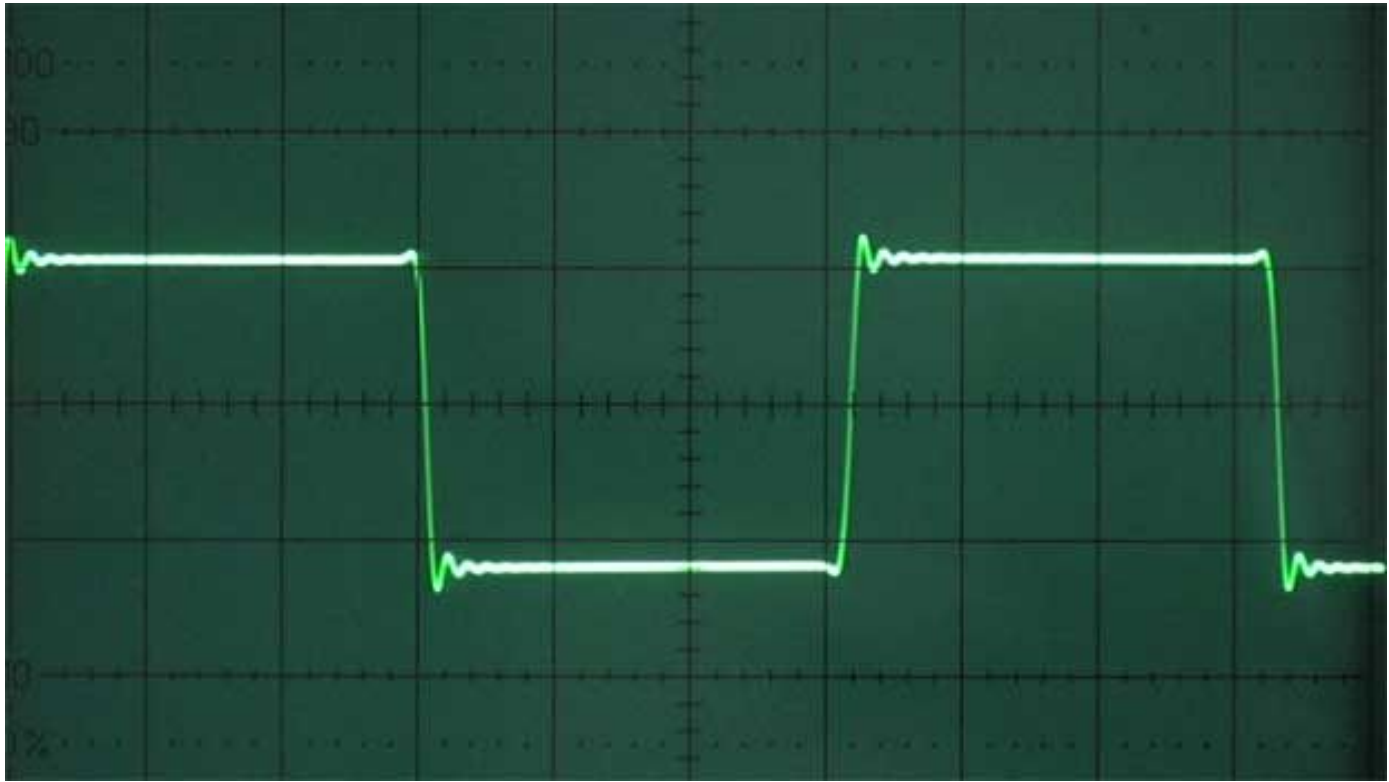
HELLO

















```
mathieu@orchid configmgmt % bat config.yml
```

```
File: config.yml
```

```
1  variant: flatcar
2  version: 1.0.0
3  storage:
4    files:
5      - path: /opt/file
6        contents:
7          inline: Hello, world!
```

```
mathieu@orchid configmgmt % butane < config.yml > config.json
```

```
mathieu@orchid configmgmt % jq < config.json
```

```
{  
  "ignition": {  
    "version": "3.3.0"  
  },  
  "storage": {  
    "files": [  
      {  
        "path": "/opt/file",  
        "contents": {  
          "source": "data:,Hello%2C%20world!"  
        }  
      }  
    ]  
  }  
}
```

```
mathieu@orchid configmgmt % █
```

```
mathieu@orchid configmgmt %  
mathieu@orchid configmgmt % ./flatcar_production_qemu.sh -i ./config.json
```



```
core@localhost ~ $ cat /opt/file  
Hello, world!core@localhost ~ $  
core@localhost ~ $
```

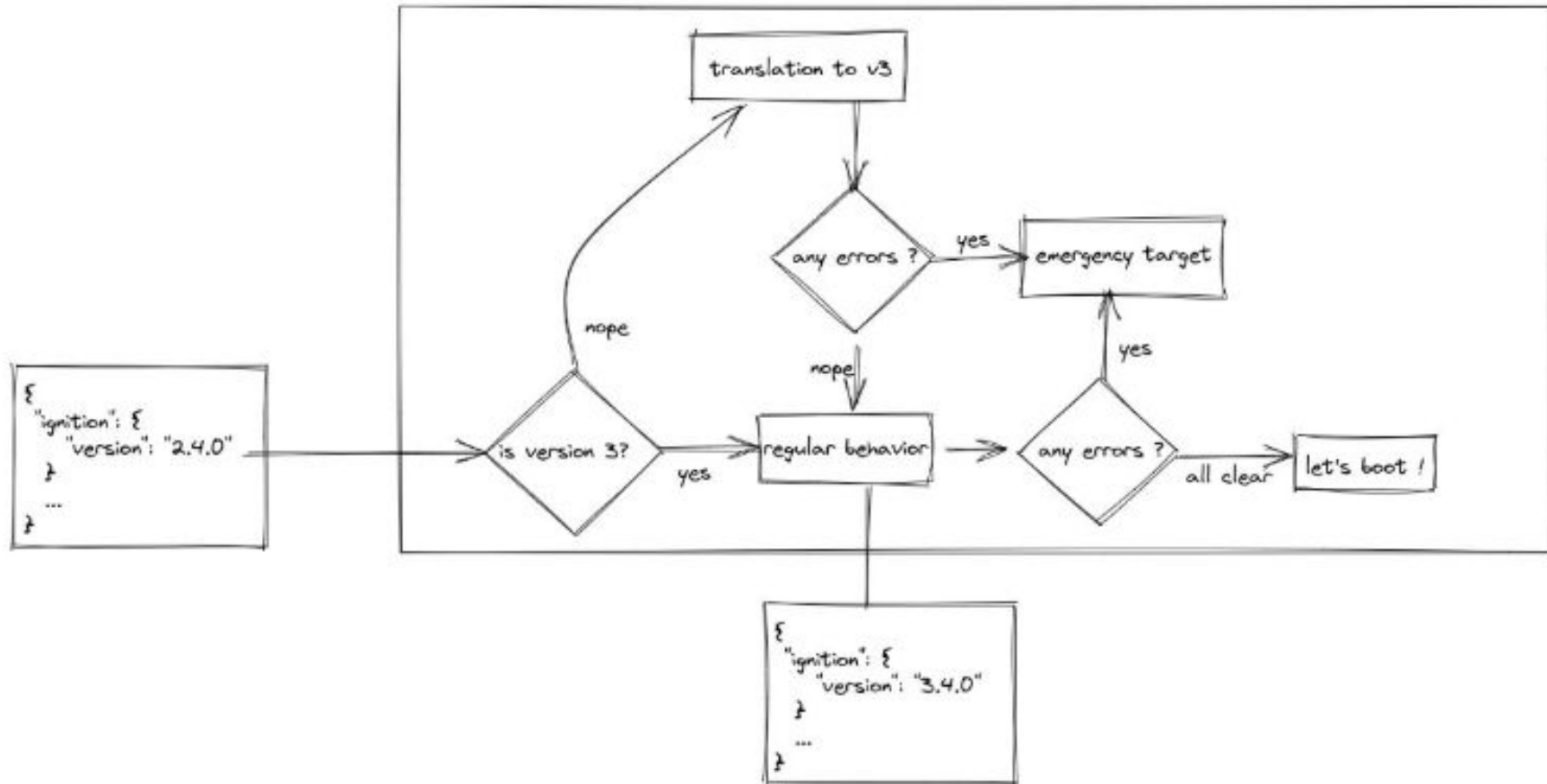
```
mathieu@orchid ignition % ./bin/amd64/ignition --help
```

```
Usage of ./bin/amd64/ignition:
```

```
-config-cache string
    where to cache the config (default "/run/ignition.json")
-fetch-timeout duration
    initial duration for which to wait for config (default 2m0s)
-log-to-stdout
    log to stdout instead of the system log when set
-neednet string
    flag file to write from fetch-offline if networking is needed (default "/run/ignition/neednet")
-platform value
    current platform. [aliyun aws azure azurestack brightbox cloudsigma cloudstack digitalocean exoscale file
e gcp hyperv ibmcloud interoute kubevirt metal niftycloud nutanix openstack packet powervs qemu rackspace racksp
ace-onmetal vagrant virtualbox vmware vultr zvm]
-root string
    root of the filesystem (default "/")
-stage value
    execution stage. [disks fetch fetch-offline files kargs mount umount]
-state-file string
    where to store internal state (default "/run/ignition/state")
-version
    print the version and exit
```

```
63 + var (  
64 +     imdsUserdataURL = url.URL{  
65 +         Scheme: "http",  
66 +         Host:    "169.254.169.254",  
67 +         Path:    "metadata/instance/compute/userData",  
68 +         RawQuery: "api-version=2021-01-01&format=text",  
69 +     }  
70 + )
```

Ignition



43

...

44

```
PATCHES=(
```

45

```
"${FILESDIR}/0001-sed-s-coreos-flatcar.patch"
```

46

```
"${FILESDIR}/0002-mod-add-flatcar-ignition-0.36.2.patch"
```

47

```
"${FILESDIR}/0003-sum-go-mod-tidy.patch"
```

48

```
"${FILESDIR}/0004-vendor-go-mod-vendor.patch"
```

49

```
"${FILESDIR}/0005-config-add-ignition-translation.patch"
```

50

```
"${FILESDIR}/0006-config-v3_4-convert-ignition-2.x-to-3.4-exp.patch"
```

51

```
"${FILESDIR}/0007-internal-prv-cmdline-backport-flatcar-patch.patch"
```

52

```
"${FILESDIR}/0008-provider-qemu-apply-fw_cfg-patch.patch"
```

53

```
"${FILESDIR}/0009-config-3_4-test-add-ignition-2.x-test-cases.patch"
```

54

```
"${FILESDIR}/0010-internal-disk-fs-ignore-fs-format-mismatches-for-the.patch"
```

55

```
"${FILESDIR}/0011-VMware-Fix-guestinfo-.config.data-and-.config.url-v.patch"
```

56

```
"${FILESDIR}/0012-config-version-handle-configuration-version-1.patch"
```

57

```
"${FILESDIR}/0013-config-util-add-cloud-init-detection-to-initial-pars.patch"
```

58

```
"${FILESDIR}/0014-Revert-drop-OEM-URI-support.patch"
```

59

```
"${FILESDIR}/0015-internal-resource-url-support-btrfs-as-OEM-partition.patch"
```

60

```
"${FILESDIR}/0016-internal-exec-stages-disks-prevent-races-with-udev.patch"
```

61

```
"${FILESDIR}/0017-translation-support-OEM-and-oem.patch"
```

62

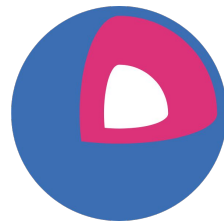
```
"${FILESDIR}/0018-revert-internal-oem-drop-noop-OEMs.patch"
```

63

```
)
```

64


```
24
25     # Not all features of the configuration may be available on all systems
26     # (e.g. on embedded systems), so only add applications which are actually
27     # present
28     inst_multiple -o \
29         groupadd \
30         groupdel \
31         systemd-detect-virt \
32         mountpoint \
33         mkfs.btrfs \
34         mkfs.ext4 \
35         mkfs.fat \
36         mkfs.xfs \
37         mkswap \
38         nvme \
39         sgdisk \
40         useradd \
41         userdel \
42         usermod \
43         wipefs \
44         cryptsetup
```



fedora
COREOS

Usage

```
data "ct_config" "worker" {
  content      = file("worker.yaml")
  strict      = true
  pretty_print = false

  snippets = [
    file("units.yaml"),
    file("storage.yaml"),
  ]
}

resource "aws_instance" "worker" {
  user_data = data.ct_config.worker.rendered
}
```

See the [Container Linux](#) or [Fedora CoreOS](#) examples.

- <https://coreos.github.io/ignition/>
- <https://coreos.github.io/butane/>
- @tormath1@fosstodon.org
- <https://www.flatcar.org/docs/latest/provisioning/ignition/>