OVS Conference 2021:

OVSDB just got a new monitor (and TUI): welcome the ovsdb-mon

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ovsdb-mon: an ovsdb-monitor and TUI

▶ Uses <u>libovsdb</u> and <u>modelgen</u> to build native golang bindings based on the schema you are monitoring

▶ Can listen for ovsdb **updates**:

- **Conditional Monitoring**: monitor only the tables you are interested in

- **Print** the events with colors: quickly spot the differences

- **Save** the events in json

ovsdb-mon: an ovsdb-monitor and TUI

▶ Can **list** Tables

   · **Select** the **columns** you want to see

   · **Filter** using the schema's index

   · **Paged** output

▶ Kubernetes integration scripts

▶ Stand-alone container deployment:

   · quay.io/amorenoz/ovsdb-mon:latest

Screenshots: Updates

```
>>>
>>> New UPDATE event on table: Address_Set
{
 UUID: "7b1b1459-0979-48c3-90f4-2a39d5970303",
 Addresses: [
+  "10.244.0.12",
 ],
 ExternalIDs: {
  name: "default_v4",
 },
 Name: "a515471808230677505",
}
```

Screenshot: Listing tables

▸ Autocomplete

```
>>> list Logical_Switch_Port --filter Name=default_fedora Name Up
UUID              Addresses        Dhcpv4Options    Dhcpv6Options    DynamicAddresses Enabled
Tag               TagRequest       Type             Up
```

▸ Paged table output

```
+-----------------+--------+-----------------------------------------+
|      NAME       |  UP    |               ADDRESSES                 |
+-----------------+--------+-----------------------------------------+
| default_fedora  |  true  |  [0a:58:0a:f4:00:0c                      |
|                 |        |  10.244.0.12]                            |
+-----------------+--------+-----------------------------------------+
(END)
```

Thanks

- ▶ Check it out:
  - · https://github.com/amorenoz/ovsdb-mon

- ▶ Contributions and RFEs are welcome!