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Juju

Make your life easier in hyper-scale world

LinuxCon Japan 2012

Canonical
Presales Engineer
- Takenori Matsumoto

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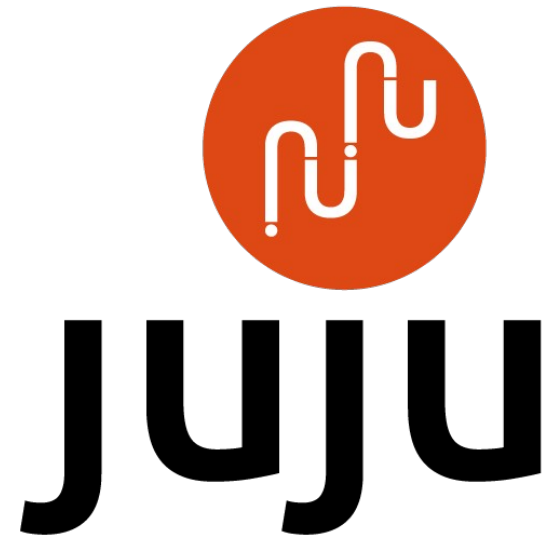


Manage services, not
machines



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How?





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Why juju?

juju is easy & simple



```
$ juju BOOTSTRAP
```

```
$ juju DEPLOY %SERVICE_NAME%
```

```
$ juju ADD-RELATION %SERVICE_NAME%  
%SERVICE_NAME%
```

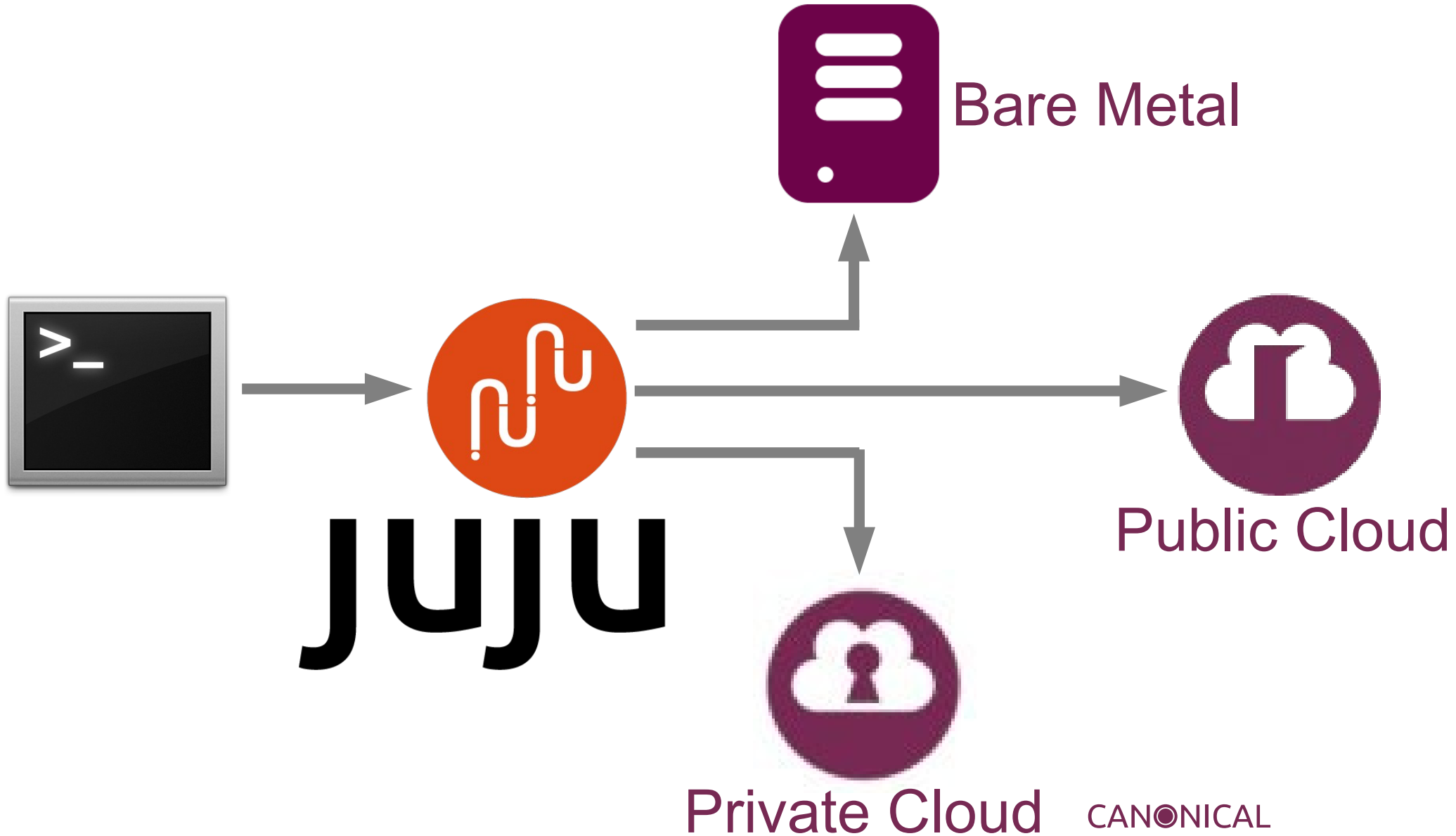
```
$ juju EXPOSE %SERVICE_NAME%
```

```
$ juju ADD-UNIT %SERVICE_NAME%
```

```
$ juju STATUS
```

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Infrastructure neutral deployment

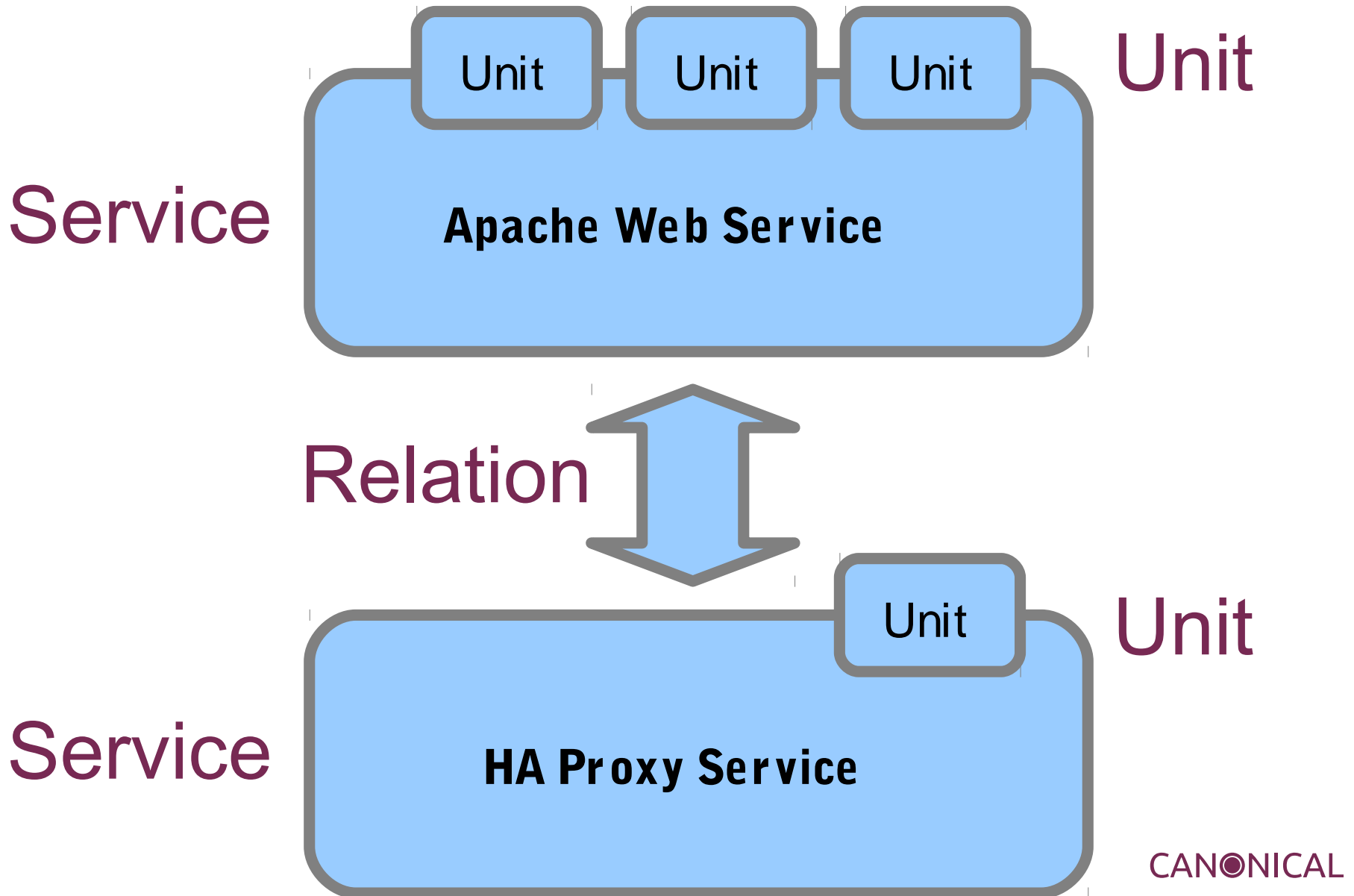




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What's juju?

Unit, Service, Relation



juju charms are simple



requires:

db:

interface: mysql

provides:

website:

interface: http

hook scripts are easy, called whenever things change

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How to use juju?

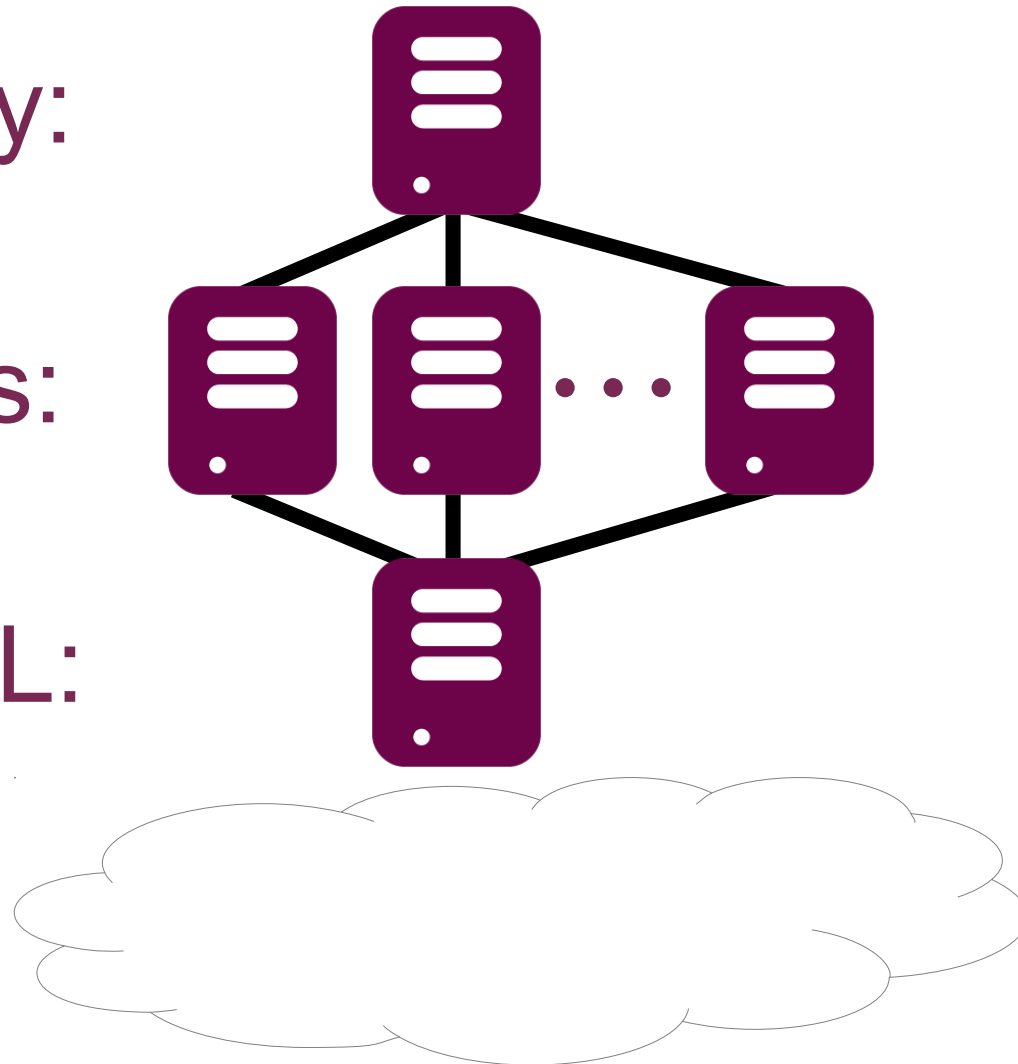
Deploying wordpress



HA Proxy:

Wordpress:

MySQL:



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Deploying wordpress



```
$ juju bootstrap
$ juju deploy mysql
$ juju deploy wordpress
$ juju deploy haproxy
$ juju add-relation mysql
wordpress
$ juju add-relation wordpress
haproxy
$ juju expose haproxy
```

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Scaling wordpress



```
$ juju add-unit wordpress
```

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How to be more

involved?

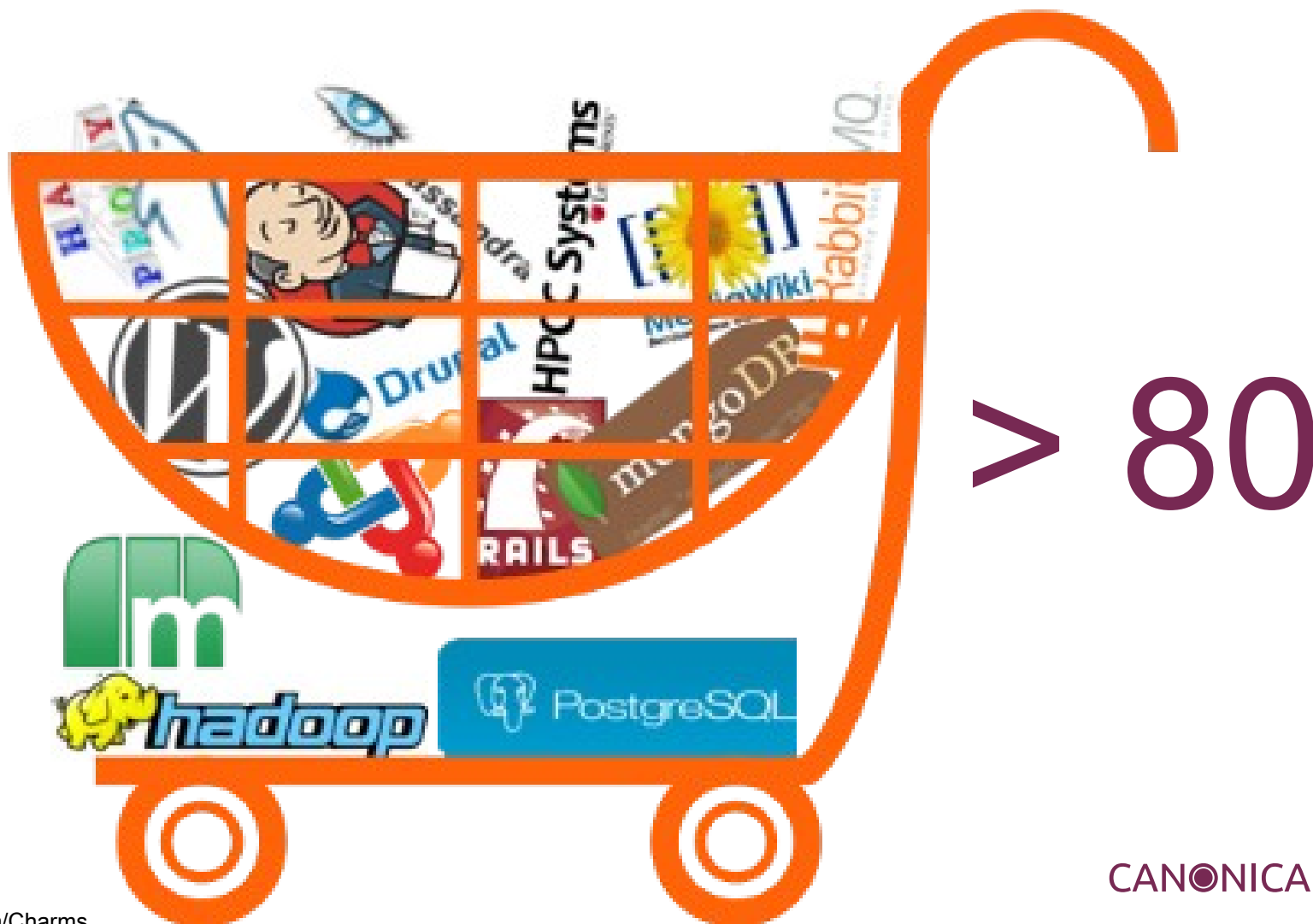
juju is GPL

Charms can be under any license

Charm Store



<http://jujucharms.com/>



> 80

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Source:
<https://juju.ubuntu.com/Charms>

Community



- Blog

<http://cloud.ubuntu.com/tag/juju/>

- Mailing list

<https://lists.ubuntu.com/mailman/listinfo/juju>

- Charm School

<https://juju.ubuntu.com/CharmSchool>

- IRC

[#juju @ Freenode](#)

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