

Managing Open Source

Systematically

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Our mission

- Helping tech startups grow
- Devopizing established companies
- Automating and monitoring infrastructures
- Improving security
- Reducing friction



Concepts

- DevOps
- IaC (Infrastructure as Code)
- Virtualization
- Containers
- Networks
- Monitoring
- **Pragmatic open source**

Customers



Suppliers



CANONICAL



DigitalOcean



Technical R&D

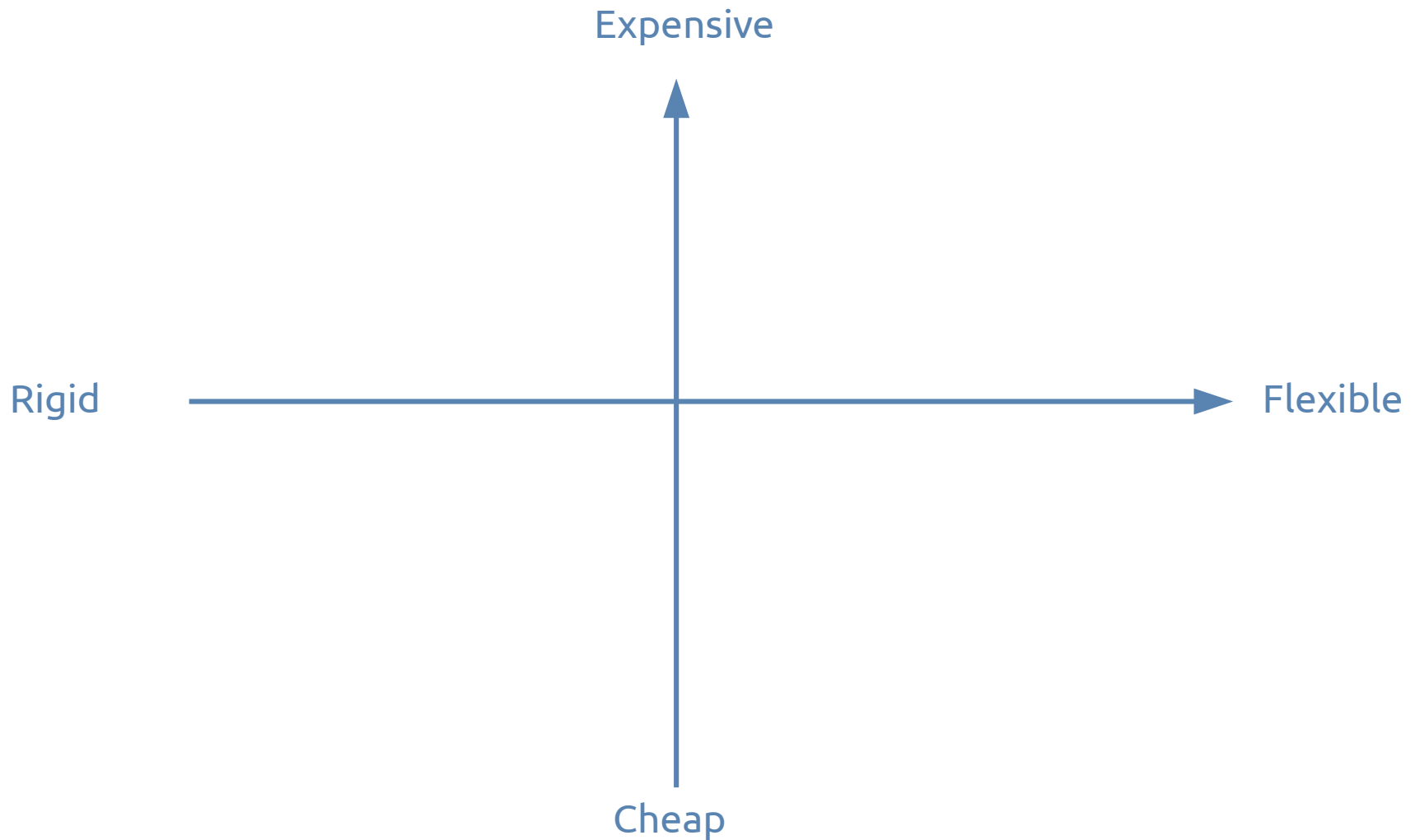


Technical R&D

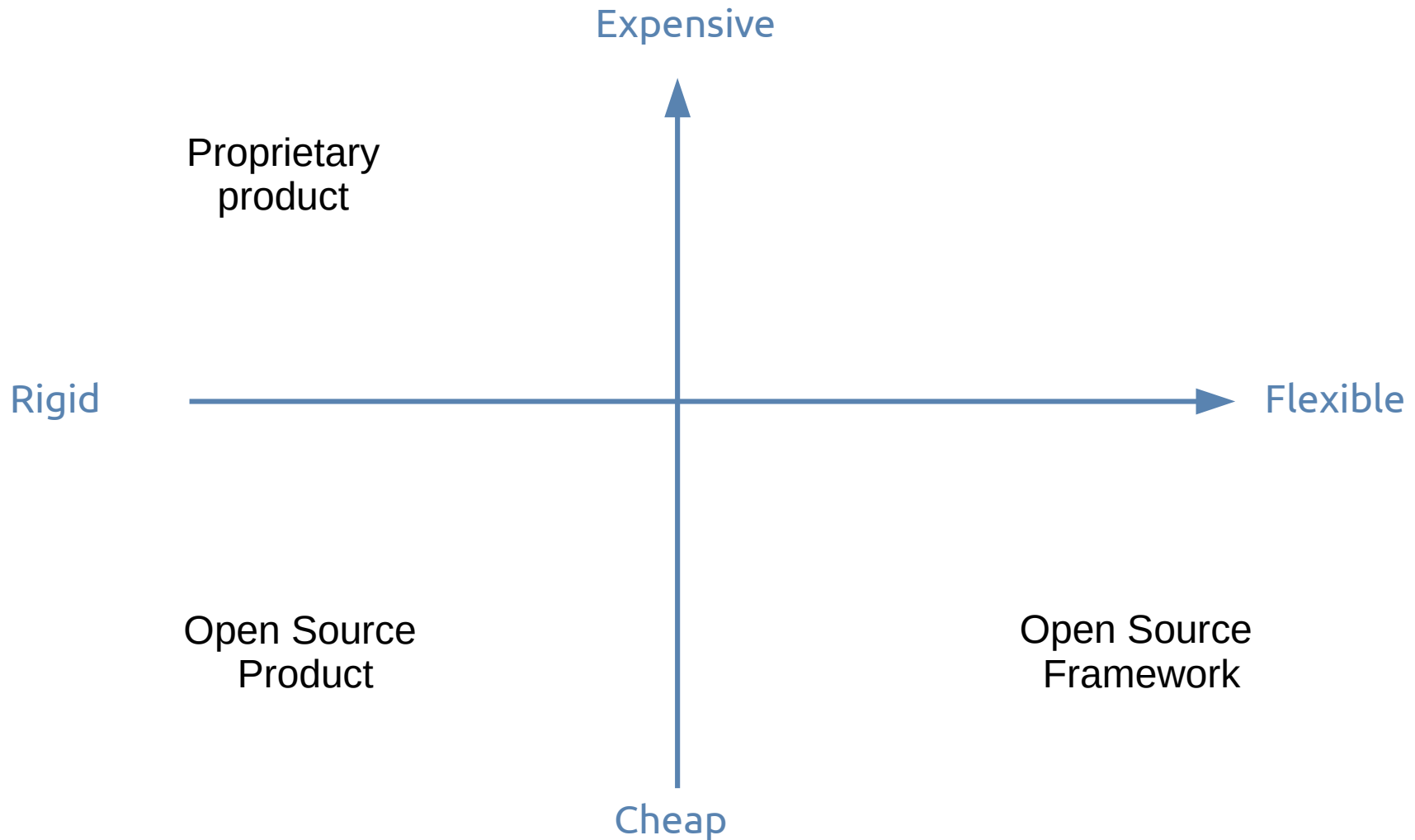


```
>  
File Edit View Bookmarks Settings Help  
gustavo@gw-as:/$ uptime  
20:29:43 up 856 days, 1:00, 2 users, load average: 0.00, 0.00, 0.00  
gustavo@gw-as:/$ █
```

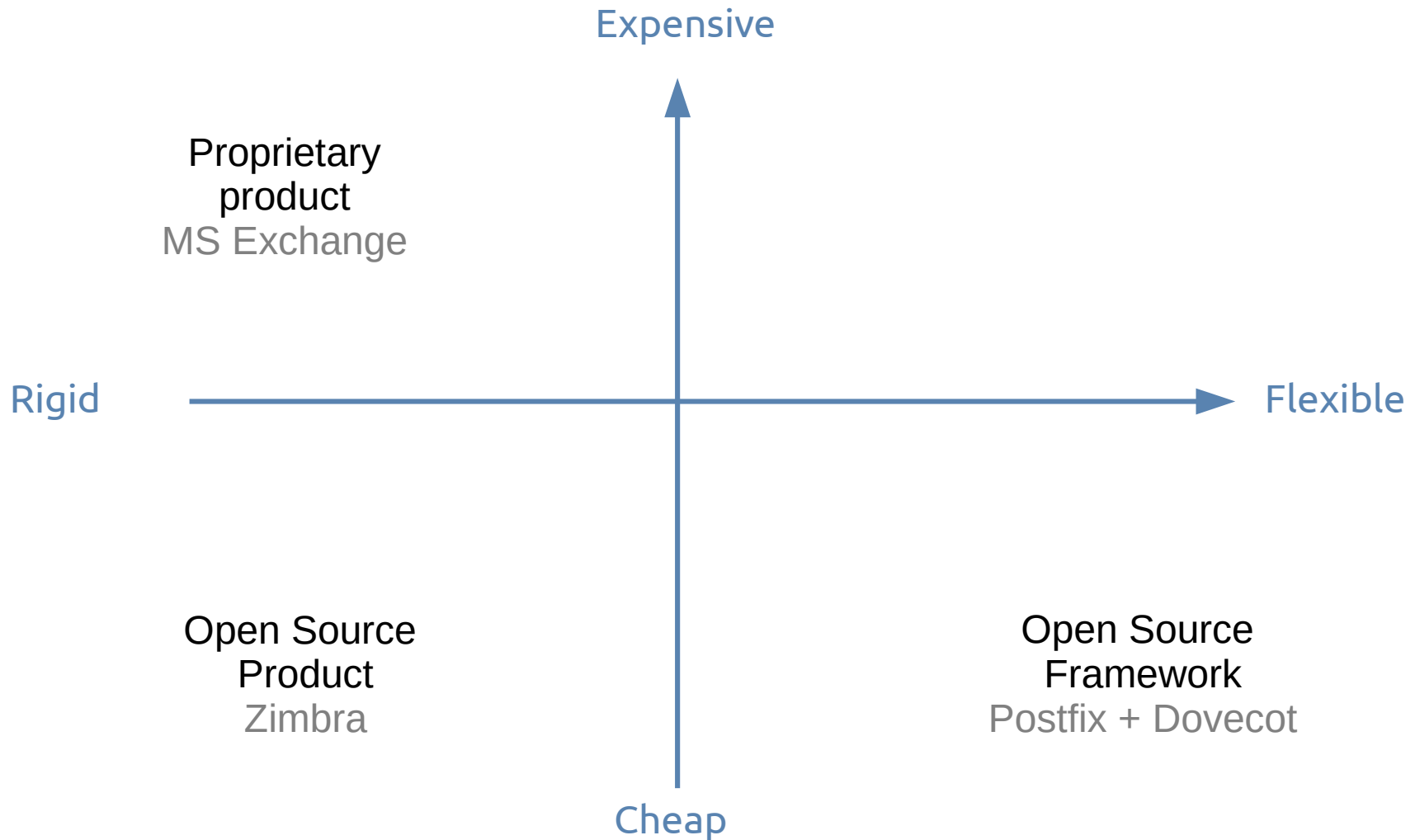
Software map



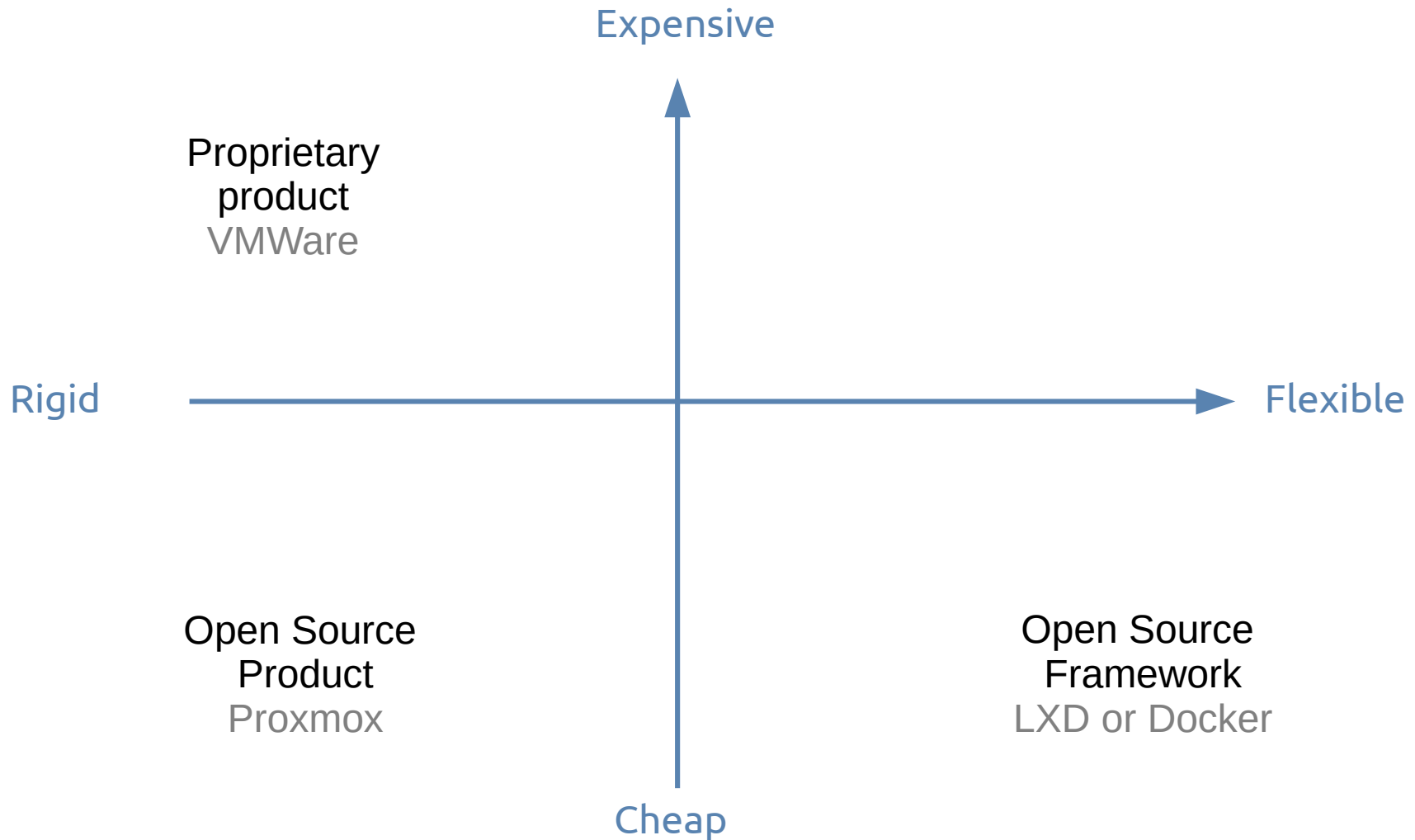
Software map



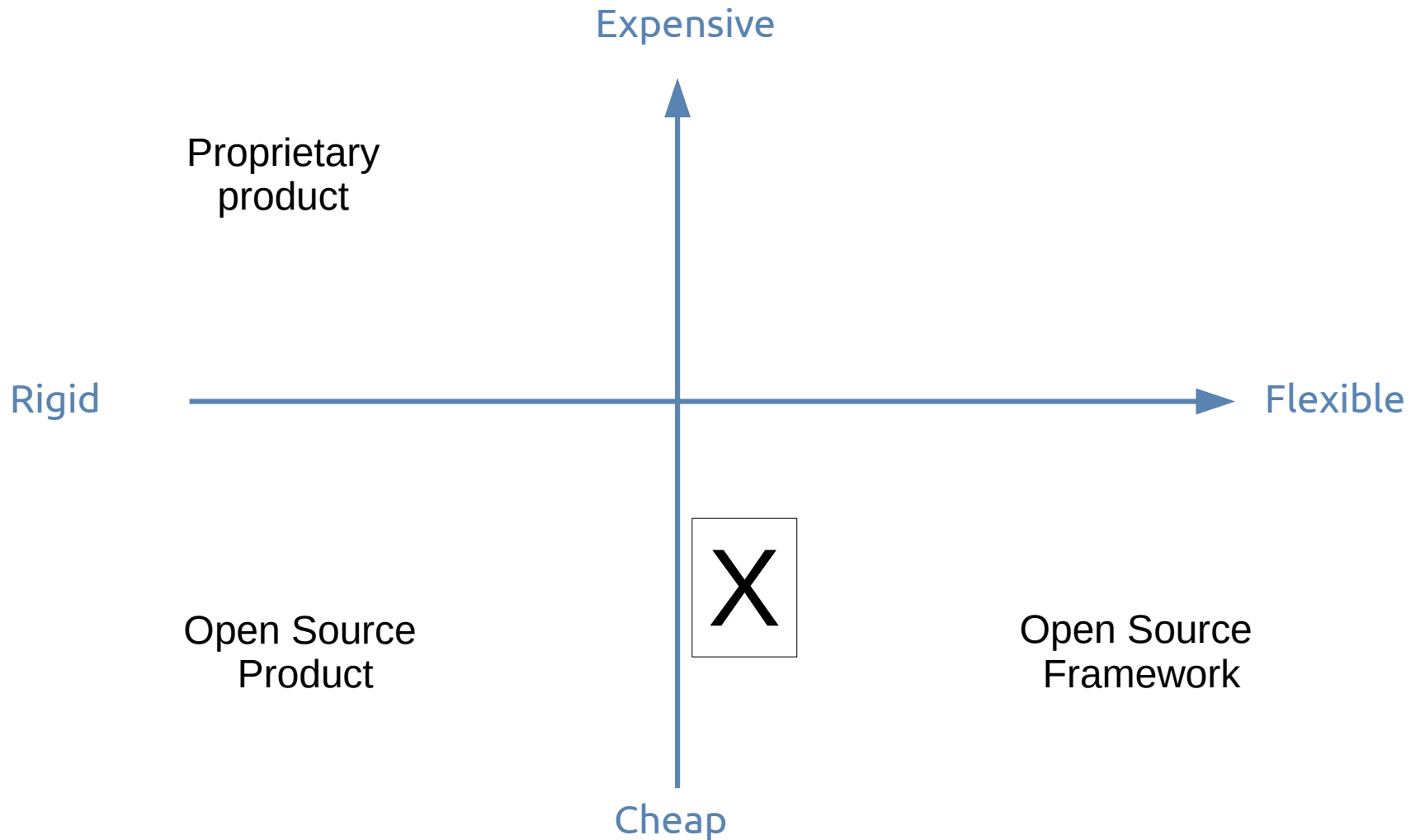
Software map



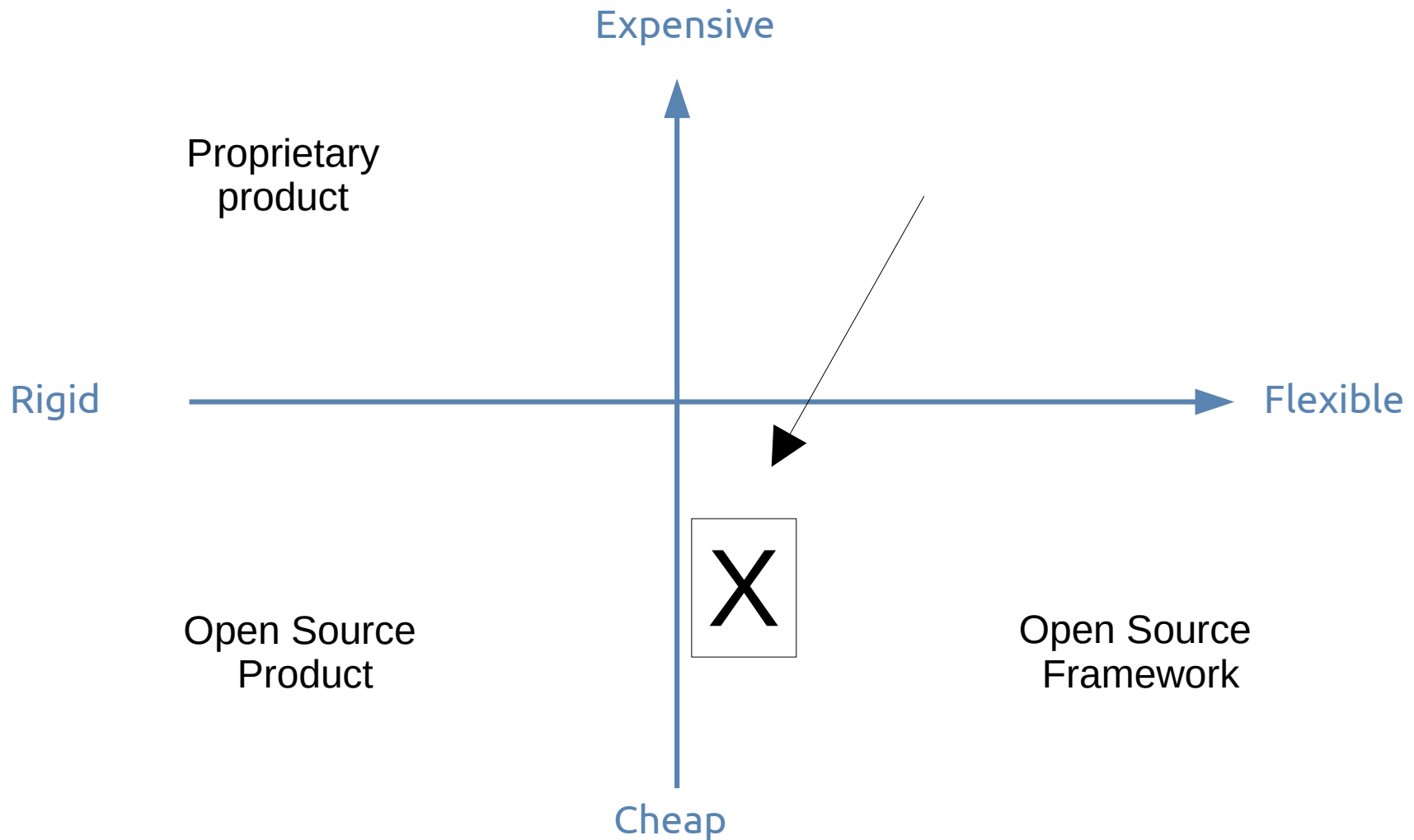
Software map



Software map



Software map



Your needs

- Systematical, cloud provider neutral and git aware way to manage large fleets of Linux instances?
 - Including user management
 - And firewalls
 - ...
- Cheap and efficient virtualization?
- Linux Desktop without bullshit?
all of that in a
- Low price open source way-of-working



Our technical products

- Infrastructure Puppet
- Ironman
- Linux Business Desktop

Our technical products

- Infrastructure Puppet
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Declare your Linux instances with IaC (Infrastructure as Code) and manage their configuration using exactly the same language.

Our technical products

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- Ironman



Choose a cloud provider or your own servers without changing your practices.

laC

```
lxd::container { 'gollum-wiki':
  state      => 'started',
  type       => 'container',
  profiles   => ['container-lan'],
  config     => { 'limits.cpu' => '2', 'limits.memory' => '2GB', },
  devices    => { 'root' => { 'path' => '/', 'pool' => 'default',
                             'size' => '10GB', 'type' => 'disk', },},

  image      => 'ubuntu2004',
  set_ip     => true,
  set_private_ip => false,
  ip_address => "X.X.X.X",
  netmask    => "255.255.240.0",
  gateway    => "Y.Y.Y.Y",
  dns        => ["8.8.8.8", "1.1.1.1"],
}
```

CaC

```
node 'gollum-wiki' {  
  
  [...]  
  
  class {'is_puppet_base::node_base':  
    ssh_strict          => true,  
    ssh_acl             => [ $office, $backup_line],  
    apt_surface_list   => $apt_surface_server,  
    relevant_updates_method => 2,  
  }  
  
  class { 'is_puppet_base::nginx_frontend':  
    domain              => $fqdn,  
    frontend_sslprefix => $sslprefix,  
    backend_hosts_and_ports => ['localhost:4567', ],  
    backend_protocol    => 'http',  
    domain_backend_pass_suffix => '',  
    www_fix_redirect    => true,  
  }  
  
  [...]  
}
```

Git

1 changed files with 9 additions and 0 deletions

Split View

Show Diff Stats

+9 -0 desktop/dell-prt/dell-prt25.pp

View File

```
@@ -41,4 +41,13 @@ node 'dell-prt25' {
41 41
42 42     # LD8 patching - template for future use
43 43     # class {'ld8_patching': patchlevel => 2, }
44 +
45 +     # extra packages
46 +     $extra_pkgs = ['vokoscreen']
47 +     package { $extra_pkgs:
48 +       ensure => 'installed',
49 +       # in case any of the packages is installed from our LD8 PPA
50 +       require => Exec['apt_update'],
51 +     }
52 +
44 53 }
```



How to work with partners?

- Training packages
- Sharing of code and documentation
- Cooperating on projects

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