

# DAW

Valentín Castravete

## DNS

En el archivo `/etc/resolv.conf`.

```
GNU nano 4.8 /etc/resolv.conf
# Dynamic resolv.conf(5) file for glibc resolver(3) generated by resolvconf(8)
#     DO NOT EDIT THIS FILE BY HAND -- YOUR CHANGES WILL BE OVERWRITTEN
# 127.0.0.53 is the systemd-resolved stub resolver.
# run "systemd-resolve --status" to see details about the actual nameservers.

domain valentincastravete.local
search valentincastravete.local
nameserver 10.0.2.7
nameserver 127.0.0.53
search valentincastravete.local informatica.comercio
```

Guardamos y aplicamos.

```
valentin@ubuntu-server:~$ sudo resolvconf --enable-updates
valentin@ubuntu-server:~$ sudo resolvconf -u
valentin@ubuntu-server:~$ _
```

Configuramos el servidor dns.

```
GNU nano 4.8 /etc/bind/named.conf.options
options {
    directory "/var/cache/bind";

    // If there is a firewall between you and nameservers you want
    // to talk to, you may need to fix the firewall to allow multiple
    // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

    // If your ISP provided one or more IP addresses for stable
    // nameservers, you probably want to use them as forwarders.
    // Uncomment the following block, and insert the addresses replacing
    // the all-0's placeholder.

    forwarders {
        8.8.8.8;
    };

    //=====
    // If BIND logs error messages about the root key being expired,
    // you will need to update your keys.  See https://www.isc.org/bind-keys
    //=====
    dnssec-validation auto;

    listen-on-v6 { any; };
};
```

Configuramos las zonas directa e inversa.

```
GNU nano 4.8 /etc/bind/named.conf.local
//
// Do any local configuration here
//
// Consider adding the 1918 zones here, if they are not used in your
// organization
//include "/etc/bind/zones.rfc1918";

zone "valentincastravete.local"{
    type master;
    file "/etc/bind/db.valentincastravete.local";
};
zone "10.0.2.7.in-addr.arpa"{
    type master;
    file "etc/bind/db.valentincastravete.10.0.2.7";
};
```

```
GNU nano 4.8 db.valentincastravete.local
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      valentincastravete.local. root.valentincastravete.local. (
                                2           ; Serial
                                604800      ; Refresh
                                86400       ; Retry
                                2419200     ; Expire
                                604800 )    ; Negative Cache TTL
;
@         IN      NS       valentincastravete.local.
@         IN      A        127.0.0.1
@         IN      AAAA     ::1
ftp       IN      A        10.0.2.7
www       IN      A        10.0.2.7
logrocho  IN      A        10.0.2.7
```

```
GNU nano 4.8 /etc/bind/db.valentincastravete.10.0.2.7
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      valentincastravete.local. root.valentincastravete.local. (
                                1           ; Serial
                                604800      ; Refresh
                                86400       ; Retry
                                2419200     ; Expire
                                604800 )    ; Negative Cache TTL
;
@         IN      NS       valentincastravete.local.
1.0.0     IN      PTR      valentincastravete.local.
10.0.2.7  IN      PTR      logrocho.valentincastravete.local.
```

Revisamos las configuraciones.

```
valentin@ubuntu-server:/etc/bind$ sudo named-checkconf
valentin@ubuntu-server:/etc/bind$ sudo named-checkzone db.valentincastravete.local db.valentincast
vete.local
zone db.valentincastravete.local/IN: loaded serial 2
OK
valentin@ubuntu-server:/etc/bind$ sudo named-checkzone db.valentincastravete.10.0.2.7 db.valentincas
travete.10.0.2.7
zone db.valentincastravete.10.0.2.7/IN: loaded serial 1
OK
valentin@ubuntu-server:/etc/bind$ _
```

En el cliente, configuramos el resolvconf.

```
GNU nano 4.8 /etc/resolvconf/resolv.conf.d/head
# Dynamic resolv.conf(5) file for glibc resolver(3) generated by resolvconf(8)
#     DO NOT EDIT THIS FILE BY HAND -- YOUR CHANGES WILL BE OVERWRITTEN
# 127.0.0.53 is the systemd-resolved stub resolver.
# run "systemd-resolve --status" to see details about the actual nameservers.

domain valentincastravete.local
search valentincastravete.local
nameserver 10.0.2.7
```



## Git

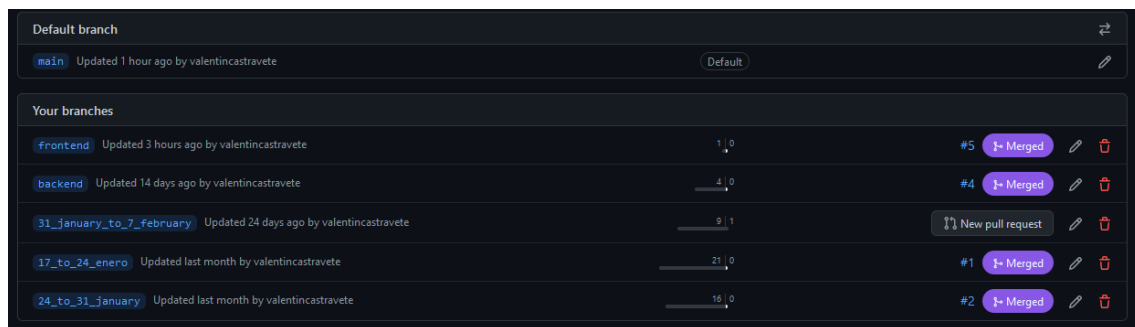
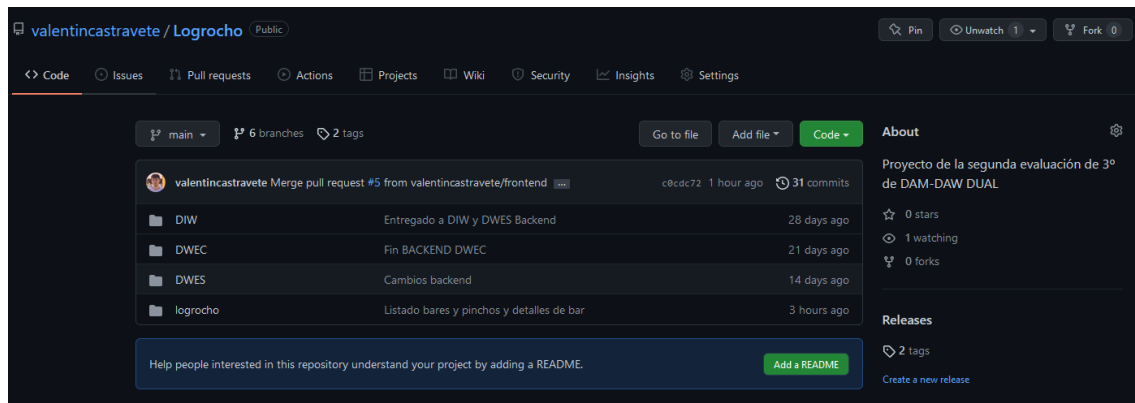
Llevo versionando el proyecto desde sus inicios.

Iba a tener una rama por cada semana de entrega, pero se cambió y al final he creado una rama para el backend y otra para el frontend.

He creado los Pull Request de las ramas de cada semana o de los 2 últimos cuando la entrega se realizaba.

También he creado tags para tener el versionado de una forma más organizada.

Tengo +30 commits indicando que parte del proyecto se ha cambiado.





## Despliegue del proyecto

El proyecto está desplegado en la siguiente url:

<https://valentin.ociobinario.com/>