DNSMANAGER

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DNSManager is a client that provides user with a rich GUI to manage their domain records

BRIFE DESCRIBTION

FUNCTIONA LITY

Users often have their domains hosted in different registers such as **godaddy**, **digitalocean**, **cloudflare** and so on. They need to login in on different registers' websites to make changes to their domain records.

DNSManager is such a client that users can just manager all their domains in one place. This client only needs API keys.

FRAMEWORKS

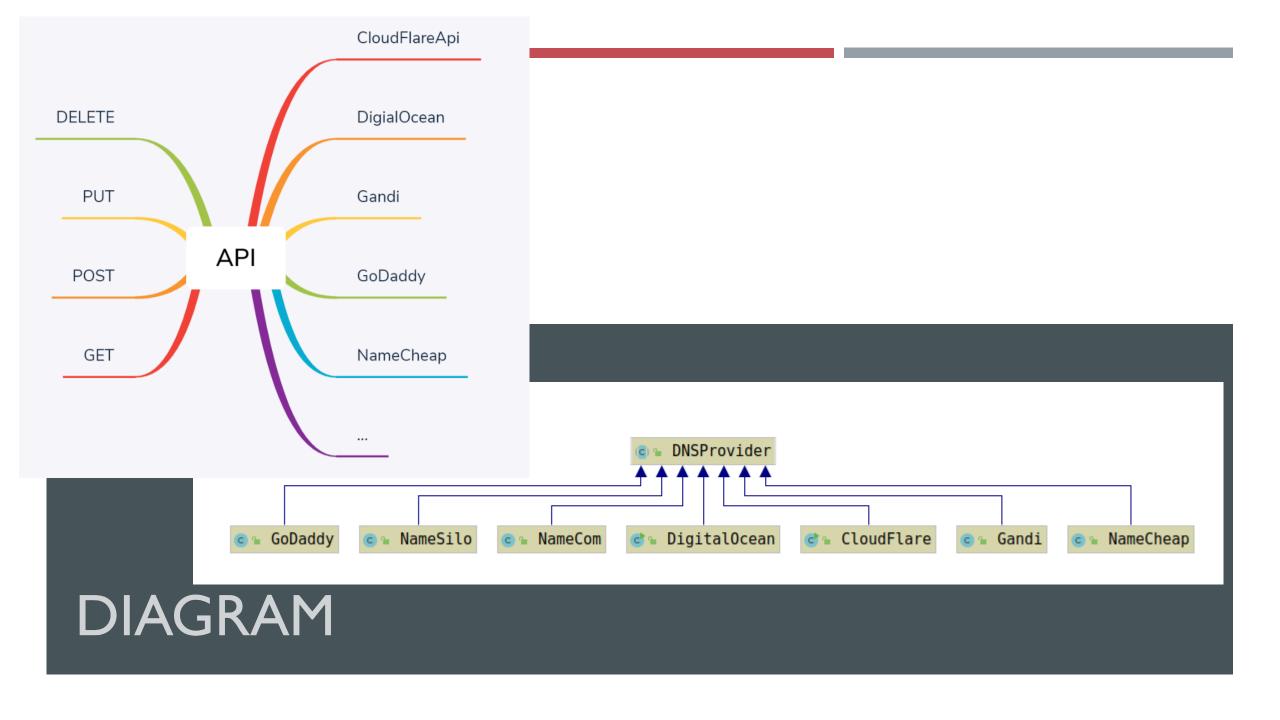
FASTJSON
SQLITE
JAVA JDBC
RESTFUL API

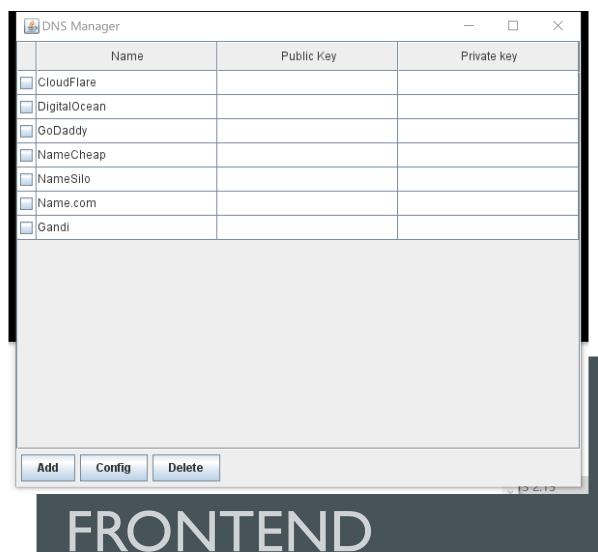
CloudFlare
DigitalOcean
Godaddy
NameCheap
NameSilo
Name.Com
Gandi

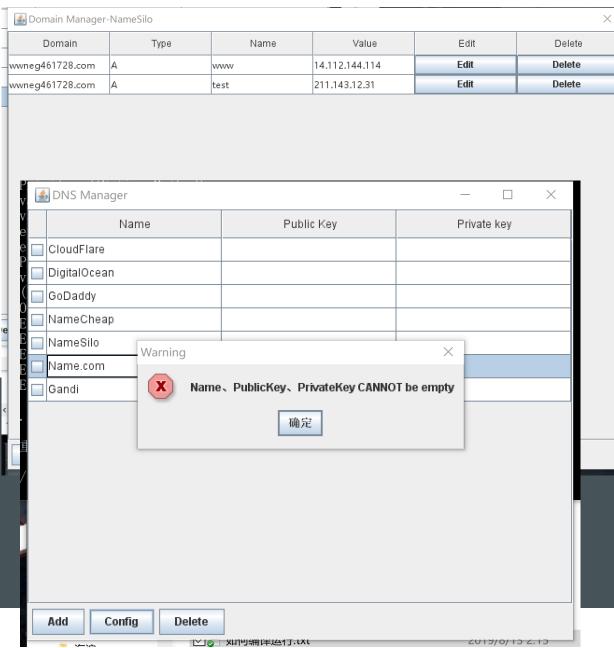
SUPPORTED WEBSITES

A CNAME AAAA TXT

SUPPORTED RECORD TYPE







```
public RecordForm(MainForm _mainFm, config _conf) {
   this.mainFm = ma
                      public MainForm() {
   this.conf = conf
                           // setBounds(300,300,800,600);
   init();
                           setTitle("DNS Manager");
                           setContentPane(panel1);
                           Toolkit tk = this.getToolkit();// get the menu bar
private void OpenNew
   NewRecordForm nev
                           int width = 600;
   newRecordForm.set
                           int height = 500;
   getContentPane().
                          Dimension dm = tk.getScreenSize();
                           setSize(width, height);// set the size of GUI
                           setLocation((int) (dm.getWidth() - width) / 2,
public void AddRow(Re
                                   (int) (dm.getHeight() - height) / 2);// show in the middle of screen
   model.addRow(new
   dp.addRecord( red
                          setDefaultCloseOperation(JFrame.EXIT ON CLOSE);
   table1.setModel(r
                          model = new DefaultTableModel(//
                                   new Object[][]{},// data
                                   new Object[]{"", "Name", "Public Key", "Private key"} // name of values
public void UpdateRed
   model.setValueAt(
                          table1.setModel(model);
   model.setValueAt(
   model.setValueAt(
                           table1.setSelectionMode(ListSelectionModel.SINGLE SELECTION);
   model.setValueAt(
                           table1.setRowHeight(25);
   dp.updateRecord(r
                           JTableHeader tableHeader = table1.getTableHeader();
                           tableHeader.setPreferredSize(new Dimension(tableHeader.getWidth(), 30));
                           tc = table1.getColumnModel().getColumn(0);
public void DeleteRov
                           tc.setCellEditor(table1.getDefaultEditor(Boolean.class));
   System.out.print]
                          tc.setCellRenderer(table1.getDefaultRenderer(Boolean.class));
   Record tmp r = ne
                           tc.setMaxWidth(20);
   System.out.print]
                          tc.setMinWidth(20);
   dp.deleteRecord(
                           tc.setPreferredWidth(20);
   model.removeRow(r
                           tc.setResizable(false);
                           for (String name : provider name) {
                               AddRow(new config(name, "", ""));
```

```
import ...
        public class API {
 5
            public static String GET(String url, HashMap<String,String> headersMap){...}
30
31 @
            public static String POST(String url, HashMap<String,String> headersMap, JSONObject jsonObject){...}
55
56
57 @
            public static String PUT(String url, HashMap<String,String> headersMap, JSONObject jsonObject){...}
81
            public static String DELETE(String url, HashMap<String,String> headersMap, JSONObject jsonObject){...}
   @
82
06
```

BACKEND

LUITE KALE FIAIT Zone Subscription Audit Logs Argo Smart Routing GET DNS Record Details permission needed: #dns_records:read Argo Analytics for Zone FREE

✓ PRO

✓ BUSINESS

✓ ENTERPRISE

✓ GET zones/:zone_identifier/dns_records/:identifier Argo Analytics for Geolocation cURL (example) Zone Zone Settings **Zone Analytics** Response (example) Logs Received Logpush Jobs "success": true, "errors": [],
"messages": [],
"result": {
 "id": "372e67954025e0ba6aaa6d586b9e0b59",
 "type": "A",
 "name": "example.com",
 "content": "198.51.100.4",
 "proxiable": true,
 "proxied": false,
 "t+t1": {1} DNS Records for a Zone DNS Records for a Zone properties List DNS Records Create DNS Record "ttl": {},
"locked": false,
"zone_id": "023e105f4ecef8ad9ca31a8372d0c353",
"zone_name": "example.com",
"2014_01_01765-20-00_123457" DNS Record Details Update DNS Record Delete DNS Record "created on": "2014-01-01T05:20:00.12345Z", "modified_on": "2014-01-01T05:20:00.12345Z", Import DNS Records Export DNS Records "data": {} Error codes Notes

Support

Dashboard

```
curl -X GET "https://api.cloudflare.com/client/v4/zones/023e105f4ecef8ad9ca31a8372d0c353/dns_records
-H "X-Auth-Email: user@example.com" \
-H "X-Auth-Key: c2547eb745079dac9320b638f5e225cf483cc5cfdda41" \
-H "Content-Type: application/json"
```

```
* A class that implements HTTP GET, POST, PUT, DELETE Methods.
public class API {
     * Implementing HTTP GET Method.
     * @param url The url to make request.
     * @param headersMap A Map contains the headers to make the request.
     * @return The returned string after execute the GET Request.
    public static String GET(String url, HashMap<String,String> headersMap){
       Headers headers = Headers.of(headersMap);
       String resultStr = null;
       OkHttpClient client = new OkHttpClient();
       Request request = new Request.Builder()
                .get()
                .headers(headers)
                .url(url)
                .build();
       try{
           Response r = client.newCall(request).execute();
           resultStr = r.body().string();
       catch (Exception e)
           e.printStackTrace();
       return resultStr;
```

```
__mod.mirror_object
Peration == "MIRROR_X":
irror_mod.use_x = True
mirror_mod.use_y = False
mirror_mod.use_z = False
 _operation == "MIRROR_Y":
__mod.use_x = False
 irror_mod.use_y = True
 lrror_mod.use_z = False
 operation == "MIRROR_Z"
  rror_mod.use_x = False
 lrror_mod.use_y = False
 lrror_mod.use_z = True
 selection at the end -add
  ob.select= 1
  er_ob.select=1
   ntext.scene.objects.action
  "Selected" + str(modifier
  irror_ob.select = 0
  bpy.context.selected_obj
  lata.objects[one.name].sel
  pint("please select exaction")
  -- OPERATOR CLASSES ----
   ypes.Operator):
   X mirror to the selected
  ject.mirror_mirror_x"
 Fror X"
                   is not be
```

DEMO

FURTHER DEVELOPMENT

If we have extra time, we can develop a SSL certificates manager module to help manage SSL certs by using OPENSSL framework and Let's Encrypt.

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 lrror_mod.use_z = False
 operation == "MIRROR_Z";
  rror_mod.use_x = False
 lrror_mod.use_y = False
 lrror_mod.use_z = True
 melection at the end -add
  ob.select= 1
  er ob.select=1
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  pint("please select exaction")
  -- OPERATOR CLASSES ----
   X mirror to the selected
   ypes.Operator):
  ject.mirror_mirror_x"
 Fror X"
                   is not me
```

Q&A

```
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 irror_mod.use_y = True
 lrror_mod.use_z = False
 operation == "MIRROR_Z"
  rror_mod.use_x = False
  lrror_mod.use_y = False
 rror_mod.use_z = True
 melection at the end -add
  ob.select= 1
  er ob.select=1
   ntext.scene.objects.action
  "Selected" + str(modified
  irror ob.select = 0
  bpy.context.selected_obj
  lata.objects[one.name].sel
  int("please select exaction
  -- OPERATOR CLASSES ----
   vpes.Operator):
   X mirror to the selected
  ject.mirror_mirror_x"
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THANKS!