

Interface client-serveur (REST API)

| php/...

Pour les scripts

```
-> GET php/fetch_boat_picture?mmsi=XXXXX : OUTPUT -> URL de l'image
```

```
-> GET php/predict_boat_vesseltype?  
lat=XXX&lon=XXX&sog=XXX&cog=XXX&heading=XXX&largeur=XXX&longueur=XXX&draft=XXX -> OUTPUT  
: VARCHAR(20) prediction_vessel_type
```

```
-> GET php/predict_boat_cluster?lat=XXX&lon=XXX&sog=XXX&cog=XXX&heading=XXX : OUTPUT ->  
INT prediction_cluster_point_donnee
```

```
-> GET php/predict_boat_journey?  
lat=XXX&lon=XXX&sog=XXX&cog=XXX&heading=XXX&vesseltype=XXX : OUTPUT -> LIST  
prediction_journey
```

Formulaire

```
-> POST php/add_boat?  
mmsi=XXX&vesselname=XXX&imo=XXX&callsign=XXX&transceiverclass=XXX&length=XXX&width=XXX :  
OUTPUT -> None
```

```
-> POST php/add_point_donnee?  
mmsi=XXX&base_date_time=XXX&latitude=XXX&longitude=XXX&sog=XXX&cog=XXX&heading=XXX&statu  
s_code=XXX&draft=XXX : OUTPUT -> None
```

```
-> GET php/all_vessel_names : OUTPUT -> LIST all_vessels_names
```

```
-> GET php/all_transceiver_class
```

```
-> GET php/all_mmsi
```

```
-> GET php/all_status_code
```

Visualisation + filters

```
-> GET php/all_points_donnee?  
longueur_max=XXX&longueur_min=XXX&largeur_max=XXX&largeur_min=XXX&temps_max=XXX&temps_min=XXX&transceiver_class=XXX&status_code=XXX&mmsi=XXX : OUTPUT -> LIST  
points_donnee_in_filter
```

```
-> GET php/get_tab?  
limits=XXX&page=XXX&longueur_max=XXX&longueur_min=XXX&largeur_max=XXX&largeur_min=XXX&temps_max=XXX&temps_min=XXX&transceiver_class=XXX&status_code=XXX&mmsi=XXX
```

```
-> GET php/get_filter_values : OUTPUT -> json{"longueur": ["<max>", "<min>"], "largeur":  
["<max>", "<min>"], "temps": ["<max>", "<min>"], "status_code": ["<code1>", "..."],  
"transceiver": ["A", "B"]}
```

Clusters

```
-> GET php/all_clusters
```

```
-> GET php/all_points_donnee_cluster?cluster=XXX
```