

EGNSS4CAP WEB SERVICE SOURCE CODE OVERVIEW

Here you can find technical overview of implemented web services and their features.

https://installation-server.tld/ws/comm_login.php

- check user by login and pswd
- input
 - HTTPS, POST
 - parameters
 - login – string(255)
 - pswd - string(255)
- output
 - JSON
 - status – string - ok/error
 - error_msg – string – error message if an error occurs
 - user – number – user ID for login, if exists

https://installation-server.tld/ws/comm_shapes.php

- sends geometry shapes for rectangle
- input
 - HTTPS, POST
 - parameters
 - max_lat – float
 - min_lat – float
 - max_lng – float
 - min_lng – float
- output
 - JSON
 - status – string - ok/error
 - error_msg – string – error message if an error occurs
 - shapes – array
 - identifier – string – shape identifier
 - wgs_geometry – json – geometry of shape

https://installation-server.tld/ws/comm_task_photos.php

- sends photos for task or user
- input
 - HTTPS, POST
 - parameters

- task_id – number – task identifier
 - user_id – number – user identifier
- output
 - JSON
 - status – string - ok/error
 - error_msg – string – error message if an error occurs
 - photos – array
 - note – string – user note
 - lat – float – latitude of photo
 - lng – float – longitude of photo
 - photo_heading – number – photo azimuth
 - created – datetime – date and time of photo creation
 - photo – string – base64 encoded photo
 - digest – string – hash of photo

https://installation-server.tld/ws/comm_tasks.php

- sends tasks for user
- input
 - HTTPS, POST
 - parameters
 - user_id – number – user identifier
- output
 - JSON
 - status – string - ok/error
 - error_msg – string – error message if an error occurs
 - tasks – array
 - id – number – task identifier
 - status – string – task status
 - name – string – task name
 - text – string – description of task
 - text_returned – string – description why is returned
 - date_created – datetime – date of create task
 - task_due_date – datetime – task due date
 - note – string – task note
 - number_of_photos – number – number of photos for task
 - flag_valid – string – task is accepted
 - flag_invalid – string – task is declined

https://installation-server.tld/ws/comm_update.php

- receive task data from phone
- input
 - HTTPS, POST
 - parameters

- task_id – number – task identifier
- user_id – number – user identifier
- status – string – task statuses
- note – string – task note
- photos – array
 - note – string – photo note
 - lat – float – photo latitude
 - lng – float – photo longitude
 - altitude
 - bearing
 - magnetic_azimuth
 - photo_heading
 - pitch
 - roll
 - photo_angle
 - orientation
 - horizontalViewAngle
 - verticalViewAngle
 - accuracy
 - deviceManufacture
 - deviceModel
 - devicePlatform
 - deviceVersion
 - satsInfo
 - extraSatCount
 - NMEAMessage
 - networkInfo
 - created – datetime – date of photo creation
 - digest – string – photo hash
 - photo – string – base64 encoded photo
- output
 - JSON
 - status – string - ok/error
 - error_msg – string – error message if an error occurs