

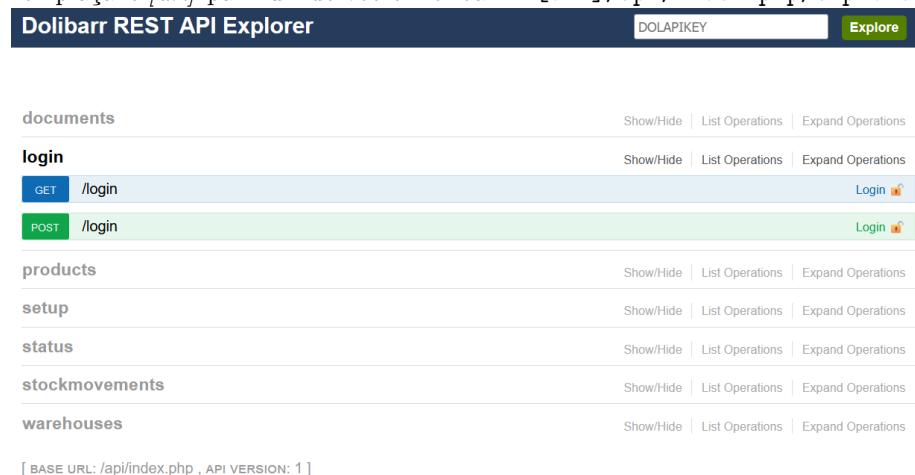
Principes généraux

Cette application permet en partie la gestion de stock d'entrepôt de produits prédéfinis. Le convoyeur devra donc scanner un paquet afin de connaître son type et sa quantité, et l'envoyer à l'entrepôt approprié.

Chaque scan de nouveau paquet entraînera un *StockMovement* qui contiendra les infos du produit, la quantité et l'entrepôt qui a reçu le nouveau paquet.

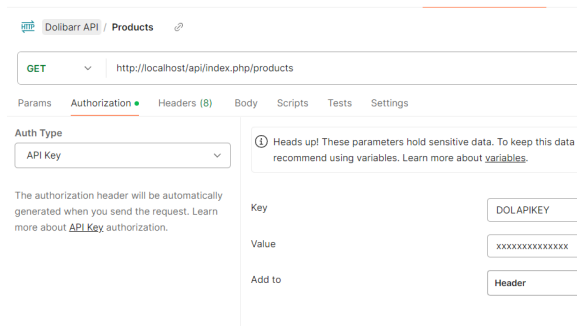
Utilisation de l'API

Pour utiliser l'API Dolibarr, il faut avoir généré une clé API (lors de la création d'un utilisateur via l'interface administrateur). Selon ces droits, cet utilisateur pourra voir accès notamment aux Produits, aux Stocks et aux Entrepôts. Pour accéder à la liste des services disponibles, utiliser le lien suivant en remplaçant *[url]* par l'url de votre Dolibarr : *[url]/api/index.php/explorer*.



Pour faire appel aux différents services, l'url de base est *[url]/api/index.php/[nomService]*.

Dans le header, la clé API doit être renseignée, avec comme key **DOLAPIKEY**.



Si vous utiliser Postman, cela correspondra à l'image suivante :

Schéma json des entités identifiées

Product :

```
{
  "label": "string",
  "description": "",
  "other": null,
  "type": "0",
  "price": "0.00000000",
  "price_ttc": "0.00000000",
  "price_min": "0.00000000",
  "price_min_ttc": "0.00000000",
  "price_base_type": "HT",
  "multiprices": [],
  "multiprices_ttc": [],
  "multiprices_base_type": [],
  "multiprices_min": [],
  "multiprices_min_ttc": [],
  "multiprices_tva_tx": [],
  "prices_by_qty": [],
  "prices_by_qty_list": [],
  "default_vat_code": null,
  "tva_tx": "0.000",
  "localtax1_tx": "0.000",
  "localtax2_tx": "0.000",
  "localtax1_type": "0",
  "localtax2_type": "0",
  "lifetime": null,
  "qc_frequency": null,
  "stock_reel": null,
  "stock_theorique": null,
  "cost_price": null,
  "pmp": "0.00000000",
  "seuil_stock_alerte": "0",
  "desiredstock": "0",
  "duration_value": false,
  "duration_unit": "",
  "status": "1",
  "status_buy": "1",
  "finished": null,
  "status_batch": "0",
  "batch_mask": "",
  "customcode": "",
  "url": null,
  "weight": null,
```

```

"weight_units": "0",
"length": null,
"length_units": "0",
"width": null,
"width_units": "0",
"height": null,
"height_units": "0",
"surface": null,
"surface_units": "0",
"volume": null,
"volume_units": "0",
"net_measure": null,
"net_measure_units": null,
"accountancy_code_sell": "",
"accountancy_code_sell_intra": "",
"accountancy_code_sell_export": "",
"accountancy_code_buy": "",
"accountancy_code_buy_intra": "",
"accountancy_code_buy_export": "",
"barcode": null,
"barcode_type": null,
"multilangs": [],
"date_creation": "2024-07-16 13:41:10",
"date_modification": "2024-07-16 13:41:10",
"stock_warehouse": [],
"fk_default_warehouse": "1",
"fk_price_expression": null,
"fk_unit": null,
"price_autogen": "0",
"is_object_used": null,
"id": "1",
"entity": "1",
"import_key": null,
"array_options": [],
"array_languages": null,
"linkedObjectsIds": null,
"canvas": "",
"ref": "Eau",
"ref_ext": null,
"country_id": null,
"country_code": "",
"state_id": null,
"region_id": null,
"barcode_type_coder": null,
"last_main_doc": null,
"note_public": null,

```

```

    "note_private": "",
    "total_ht": null,
    "total_tva": null,
    "total_localtax1": null,
    "total_localtax2": null,
    "total_ttc": null,
    "date_validation": null,
    "specimen": 0,
    "duration": ""
}

```

Warehouse :

```

{
    "libelle": "A",
    "label": "A",
    "description": "",
    "statut": "1",
    "lieu": "Epitech Marseille",
    "address": "1 place jules guesde",
    "zip": "13003",
    "town": "Marseille",
    "phone": "",
    "fax": "",
    "fk_parent": null,
    "fk_project": null,
    "id": "1",
    "entity": "1",
    "import_key": null,
    "array_options": [],
    "array_languages": null,
    "linkedObjectsIds": null,
    "canvas": null,
    "contact_id": null,
    "user": null,
    "origin": null,
    "origin_id": null,
    "ref": "A",
    "ref_ext": null,
    "status": null,
    "country_id": "0",
    "country_code": "",
    "state_id": null,
    "region_id": null,
    "barcode_type": null,
    "barcode_type_coder": null,
    "mode_reglement_id": null,
}

```

```

    "cond_reglement_id": null,
    "demand_reason_id": null,
    "transport_mode_id": null,
    "shipping_method_id": null,
    "model_pdf": null,
    "last_main_doc": null,
    "fk_bank": null,
    "fk_account": null,
    "note_public": null,
    "note_private": null,
    "total_ht": null,
    "total_tva": null,
    "total_locales1": null,
    "total_locales2": null,
    "total_ttc": null,
    "lines": null,
    "name": null,
    "lastname": null,
    "firstname": null,
    "civility_id": null,
    "date_creation": null,
    "date_validation": null,
    "date_modification": null,
    "specimen": 0
  }

```

StockMovement :

```

{
  "product_id": 0,
  "warehouse_id": 0,
  "qty": 0,
  "lot": "string",
  "movementcode": "string",
  "movementlabel": "string",
  "price": "string",
  "dlc": "2024-09-02",
  "dluo": "2024-09-02"
}

```

Collection Postman

Lien pour télécharger la collection Postman : [Dolibarr API.postman_collection.json](#)