CatalogAPI

This API consists of a single model file called CatalogDAO, written in Javascript using Node.js.

The class's methods are described as such:

Constructor

Syntax: CatalogDAO(connection), where:

connection: a database connection

Returns: nothing

get

Syntax: CatalogDAO.get(request, response, id, type=0)
Arguments:

- **request**: the request object;
- **response**: the response object;
- **id**: the product's ID;
- **type**: search type(0 for complete, 1 for compact).

Function: searches the database for a single product.
Returns: a JavaScript object containing the product's data.

getOnSale

Syntax: CatalogDAO.getOnSale(request, response)
Arguments:

- **request**: the request object;
- **response**: the response object.

Function: searches the database for every product on sale.
Returns: a Javascript object containing all products on sale.

getBestSellers

Syntax: CatalogDAO.getOnSale(request, response)
Arguments:

- **request**: the request object;
- **response**: the response object.

Function: searches the database for the best selling products.
Returns: a Javascript object containing all products on sale.

writeRanking

Syntax: CatalogDAO.writeRanking(request, response)
Arguments:

- **request**: the request object;
- **response**: the response object.

Function: writes the JSON files mospopular.json and pricereduction.json for posterior searches.

Returns: nothing.

The module exports the object CatalogDAO.