**Clarabyte Integration Base Interface Reference**

See base integration base interface implementation in *lib/integrations/base.rb*

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| **Method Name** | **Input Parameters** | **Result** | **Notes** |
| **General Methods** | | | |
| **initialize** | state *(Hash)* |  | Integration class constructor. Accepts **state** input param. **state** is a persistent data hash store. Anything saved in the **state** hash will persist and will be available in subsequent integration instantiations |
| **logged\_in?** |  | *boolean* | Specifies whether the integration is connected |
| **Manage Items** | | | |
| **add\_items** | items  *(array of Hash)* | *array of Hash* | Adds a set of items represented by **items** array of Hash to the integration marketplace. Returns array of Hash with results for each item  *See* ***integration/manage-items.pdf*** |
| **update\_items** | items  *(array of Hash)* | *array of Hash* | Updates a set of items represented by **items** array of Hash to the integration marketplace. Returns array of Hash with results for each item  *See* ***integration/manage-items.pdf*** |
| **delete\_items** | Items  *(array of Hash)* | *array of Hash* | Deletes a set of items represented by **items** array of Hash to the integration marketplace. Returns array of Hash with results for each item  *See* ***integration/manage-items.pdf*** |
| **Search Items** | | | |
| ***search\_items*** | keywords  *(array of String)*  count *(int)* | *array of Hash* | Searches for items identified by the specified **keywords**. Limits results to **count**.  *See* ***integration/search-items.pdf*** |
| ***get\_items*** | uids  *(array of String)*  *format*  *(String = :simple)* | *array of Hash* | Returns items identified by their marketplace **UIDs** formatted according to specified **format**.  *See* ***integration/search-items.pdf*** |
| **Retrieve Categories and Category Details** | | | |
| **categories** | parent\_category\_id  *(String = nil)* | *array of Hash* | Returns child categories list for the specified parent. If parent = nil – returns top-level categories list.  *See* ***integration/categories.pdf*** |
| **category\_fields** | category\_id *(String)* | *array of Hash* | Returns fields list for the specified category.  *See* ***integration/category-fields.pdf*** |
| **Retrieve and Manage Orders** | | | |
| **orders** | date\_from *(Date)*  date\_to *(Date)* | *array of Hash* | Returns list of orders for the specified time frame  *See* ***integration/orders.pdf*** |
| **update\_orders** | orders *(array of Hash)* | *array of Hash* | Updates orders details specified in the **orders** hash.  *See* ***integration/orders.pdf*** |
| **Custom Actions** | | | |
| **custom\_actions\_con-troller\_class**  *protected* |  | *Integrations::*  *::CustomAction-Controller class* | Returns custom actions controller class name for the current integration  *See* ***integration/custom-actions.pdf*** |