



DYNAMICS 365

FINANCE AND OPERATIONS

FUNCTIONS

LogTrade

2018-12-07





1 GENERAL

In the LogTrade Connect module there are some places where functions are used. These various functions are written based on small frameworks, so if you need to have your own functions, you or your partner can write these.

The frameworks available are:

Line creation functions – How package lines can be created

Freight functions – How freight cost is handled and implemented on the sales order

Value functions – Small functions that are used on various places to define values. For example, default services property values.

If you do implement your own functions, in order to use them in the system, you must open the functions form, and initialize the list (Sometimes the initialization is done automatically.) This will fill in a table on available functions, and also has the ability to disable a function, if you don't want to use them.





Dynamics 365 Finance and Operations LogTrade Connect > Setup > Default services USMF

- ▲ Favorites
 - Favorites created using the navigation pane will show up here.
- ▷ Recent
- ▷ Workspaces
- ▲ Modules
 - Accounts payable
 - Accounts receivable
 - Audit workbench
 - Budgeting
 - Cash and bank management
 - Common
 - Consolidations
 - Cost accounting
 - Cost management
 - Credit and collections
 - Demo data
 - Expense management
 - Fixed assets
 - Fleet management
 - General ledger
 - Human resources
 - Inventory management
 - LogTrade Connect
 - Master planning
 - Organization administration
 - Payroll
 - Procurement and sourcing
 - Product information management

▲ Common

- Shipments

▲ Inquiries

- Webservice log

▲ Periodic

- Release shipments
- Webservice log cleanup
- Data Clean up

▲ Setup

- LogTrade parameters
- Users
- Mode of delivery
- Terms of delivery
- Package type group
- Payer customer number
- Service groups
- Default services
- Default instructions
- Goods description

▷ Base data

▲ Advanced

- Dangerous goods items
- Address setup
- Address contact setup
- Send action

Value functions
Freight calculation
Line function





1.1 LINE CREATION FUNCTIONS

To create your own Line creation function, create a new class, and extend the class `LTCAutocreateLine`

At a minimum you should overwrite the following methods:

- `AutocreateLineFunctionId`
Identification of the function
- `Description (description)`
Description of the function
- `Run`
Logic for the function

Look at `LTXAutocreateLine_AutoCreate` for examples.

1.2 FREIGHT FUNCTIONS

To create your own Freight cost calculation logic, create a new class and extend `LTCFreightCostCalc`

At a minimum you should overwrite the following methods:

- `FreightCalulationId`
Identification of the function
- `Description`
Description of the function
- `Calc`
Logic for the function

Look at `LTCFreightCostCalc_LogTrade` for examples.

1.3 VALUE FUNCTIONS

To create your own value functions, create a new class and extend `LTCPropertyValueBase`

At a minimum you should overwrite the following methods:

- `Description`
Description of the function



- `getValuePreview`
Return the value to be displayed in setup routines (Sometimes we can't return a value here if the logic requires a shipment record). In those case's you can return "---"
- `getValueShipment`
return value from the function when a shipment record is present. Here is the main logic for the function.

Look at `LTCPropertyValue_SalesTable` for examples.