



## Transforms object:

```
MaltegoTransform() #Creates transform object.
```

### Available functions:

- `addEntity(String Type,String Value)` #Adds an entity to the transform object.
- `parseArguments(sys.argv)` #Parses the input entity's properties.
- `getValue()` #Gets the value of the input entity.
- `getVar(String Key)` #Returns the value of the key.
- `addEntityToMessage(String Entity)` #Adds specified entity to message output.
- `addUIMessage(String message, String messageType)` #Adds user-interface message.
  - (Available `messageTypes`: `FatalError`, `PartialError`, `Inform`, `Debug`)
- `addException(String exception)` #Adds an exception to transform object.
- `throwExceptions()` #Returns exception XML to the application.
- `returnOutput()` #Returns transform output to Maltego.
- `writeSTDERR(String Msg)` #Function to write msg to STDERR.
- `heartbeat()` #Function to produce a "heartbeat".
- `progress(Integer Percentage)` #Function to output progress.
- `debug(String Msg)` #Debug message to be sent out.

## Entity object:

### Available functions:

- `setType(String Type)` #Setter for the entity Type.
- `setValue(String Value)` #Setter for the entity Value property.
- `setWeight(String Weight)` #Setter for the entity Weight property.
- `setDisplayInformation(String displayInformation)` #Setter for the entity display information property.
- `addAdditionalFields(String Name, String displayName, String matchingRule, String Value)` #Set additional fields for the entity.
  - (Available `matchingRules`: `strict`, `false`)
- `setIconURL(String iconURL)` #Setter for the entity Icon URL (entity Icon) property.
- `returnEntity()` #Prints the entity with the correct XML formatting.