Transfer

Transfer is a part of the [VIVO Harvester](#) which moves data in to, out of, and between jena [model](#). In general, it reads data from a specified input model and moves it to the specified output model. While it works exclusively with RDF data (therefore a tool such as [Translate](#) may need to be used first to convert the data to RDF), it can handle many different record formats such as H2 or text files. In conjunction with [Score](#) and [Match](#), it can be used for such purposes as adding fetched data into VIVO that does not match anything already in VIVO, or adding only fetched data into VIVO that matches something already in VIVO and ignoring the rest, and other permutations.

Parameters

Must provide at least one input argument via `-i`, `-r` or `-h`.

Must provide at least one output argument via `-o`, `-O` or `-d`.

Short Option	Long Option	Parameter Value Map	Description	Required
i	input	CONFIG_FILE	config file for jena model to load into	false
I	inputOverride	override the JENA_PARAM of input jena model config using VALUE	false	
r	rdf	RDF_FILE	rdf filename to load into output model	false
R	rdfLang	LANGUAGE	rdf language of rdf file	false
h	recordHandler	RECORD_HANDLER	record handler to load into output model	false
H	recordHandlerOverride	override the RH_PARAM of recordhandler using VALUE	false	
n	namespace	URI_BASE	use URI_BASE when importing relative uris	false
m	modeRemove		remove from output rather than add	false
o	output	CONFIG_FILE	config file for output jena model	false
O	outputOverride	override the JENA_PARAM of output jena model config using VALUE	false	
d	dumptofile	FILENAME	File name to which the output model should be dumped as RDF/XML	false

Usage

Transfer is used just after translation in a script to transfer from a recordhandler to a jena model.

Example

```
# Execute Transfer to import from record handler into local temp model
$Transfer -o $H2MODEL -OmodelName=$MODELNAME -OdbUrl=$MODELDBURL -h $H2RH -HdbUrl=$RDFRHDBURL -n $NAMESPACE
```

Possible operation

The dump ability is useful for debugging on small models, or for backing up models.

The rdf switch can be used for importing new data or restoring a previous dump.

Note: Backing up and restoring models is usually done through direct database manipulation, not transfer.