Using the IDL Extractor for Natural in Command-line Mode

This chapter covers the following topics:

- Command-line Options

- Example

Command-line Options

See *Using the EntireX Workbench in Command-line Mode* for the general command-line syntax. The table below shows the command-line options for the IDL Extractor for Natural.

Task	Command	Option	Description
Extract the Natural objects from a Natural RPC server.	`-extract:natural`	`-brokerpassword`	Password used for broker authentication.
		`-brokeruser`	User used for broker authentication.
		`-environment`	Name of the environment or an RPC server description.
		`-filter`	Filter the Natural source objects. Show those objects which match the pattern.
		`-help`	Display this usage message.
		`-library`	The library defined within the Natural RPC Server.
		`-object`	A Natural object in the library.
		`-project`	Name of the project or subfolder where the IDL file is stored.
		`-rpcpassword`	Password used for RPC server authentication.
		`-rpcuser`	User used for RPC server authentication.
		`-timeout`	Timeout in seconds (default is 60).

Task	Command	Option	Description
List the Natural objects from a Natural RPC server.	-list:natural	-brokerpassword	Password used for broker authentication.
		-brokeruser	User used for broker authentication.
		-environment	Name of the environment or an RPC server description.
		-filter	Filter the Natural source objects. Show those objects which match the pattern.
		-help	Display this usage message.
		-library	The library defined within the Natural RPC Server.
		-object	A Natural object in the library.
		-rpcpassword	Password used for RPC server authentication.
		-rpcuser	User used for RPC server authentication.
		-timeout	Timeout in seconds (default is 60).

Example

`<workbench> -extract:natural -environment natBroker:2006@RPC/NATSRV1/CALLNAT -project /Demo -library NATDEMO -object CALC`

where `<workbench>` is a placeholder for the actual Workbench starter as described under *Using the EntireX Workbench in Command-line Mode*.

The extracted IDL file will be stored in the project *Demo*.

If the environment name is not a defined RPC Environment in the current workspace, the name will be interpreted as a Broker ID and RPC Server Address (*brokerID@serverAddress*).

The library specifies a library name and the optional object defines the program name. Wildcard notation with asterisk (*) can be used at the end of these names.

Status and processing messages are written to standard output (stdout), which is normally set to the executing shell window.