



APPENDIX B

Bean Shell Commands

This appendix describes the methods that should be used for Bean Shell in Cisco ANA commands when you want to interact with devices. In addition, it provides Telnet and SNMP environment object examples.



Note

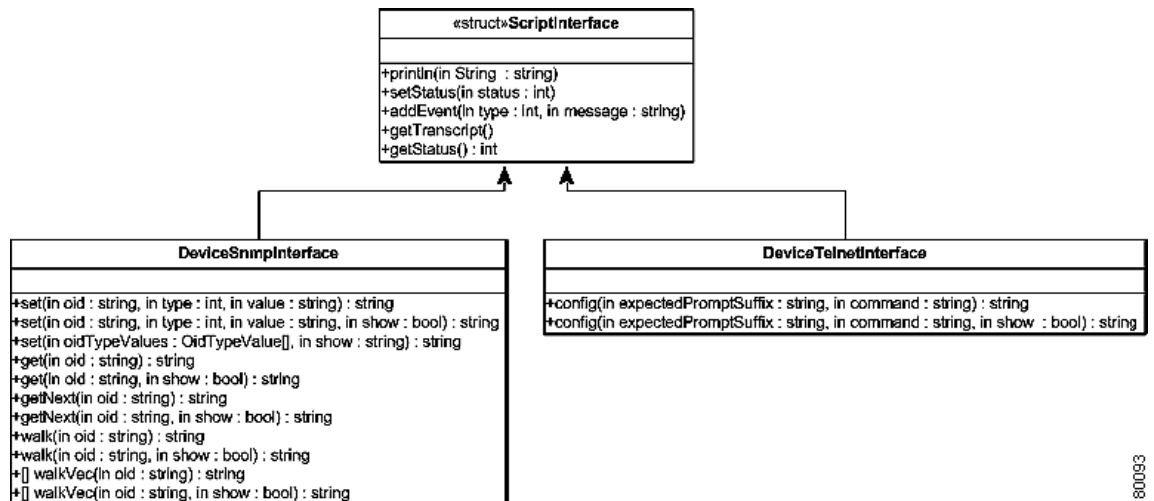
Important: Unlike ANA Macro Language, in Bean Shell user arguments inventory properties should NOT be embedded within \$...\$ symbols.

This appendix includes the following sections:

- [Telnet Examples, page B-2](#)—Provides examples of the available predefined Telnet environment objects.
- [SNMP Examples, page B-2](#)—Provides examples of the available predefined SNMP environment objects.

The diagram below describes the methods that should be used for Bean Shell in Cisco ANA commands when interacting with devices for Telnet and SNMP interfaces.

Figure B-1 Bean Shell Methods



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Note

For setStatus 1=success and 2=failure.

Telnet Examples

This section provides examples of the available predefined Telnet environment objects that you can use to interact with a device.

- `telnetInterface.config (“prompt”, “telnet command”)`—Where “prompt” is the expected prompt after command completes and “telnet command” is the actual command to be execute
- `telnetInterface.setStatus (1 or 2)`—Where 1=success and 2=fail, used for example to signal to work flow manager that a configuration command has succeeded or failed

SNMP Examples

This section provides examples of the available predefined SNMP environment objects that you can use to interact with a device.

```
snmpInterface.get (“OID”, true/false);
```

Gets OID, and displays or hides results

```
snmpInterface.getNext (“OID”, true/false);
```

Gets next OID, displays or hides results

```
snmpInterface.set (“OID”, variable type, “value”);
```

Sets OID to specified value

```
snmpInterface.walk (“OID”, true/false);
```

Returns vector of strings

```
snmpInterface.setStatus (1 or 2);
```

Where 1=success and 2=fail, used for example to signal to work flow manager that a configuration command has succeeded or failed

For additional information about general scripting language refer to <http://www.beanshell.org/>.