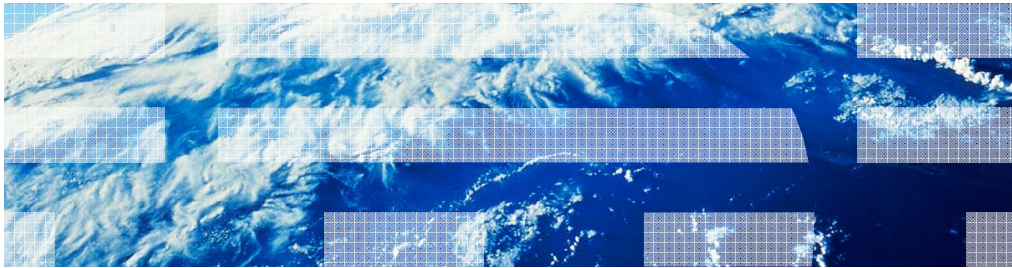# IBM WebSphere Application Server V8.0.0.3

Importing wsadmin scripts within Jython packages

This presentation describes support for importing wsadmin scripts contained in Jython packages included in IBM WebSphere® Application Server V8.0.0.3

- Before V8.0.0.3:
  - wsadmin –javaoption -Dwsadmin.script.libraries=<search paths> can be used to specify the search paths for wsadmin scripts.
  - However, the imported Jython scripts might not be within Jython packages.
  - All sub-directories in the search paths are added to Jython search paths.

- Behavior as of V8.0.0.3
  - wsadmin –javaoption -Dwsadmin.script.libraries.packages=<search paths> may be used to specify the search paths of Jython scripts within Jython packages
  - Only the directories in the search paths are added to Jython search paths.

Importing wsadmin scripts within Jython packages

Before V8.0.0.3, "wsadmin –javaoption –Dwsadmin.script.libraryes=<search paths>" option is used to specify the search paths of Jython scripts to be imported from wsadmin. However, the imported scripts must be top level scripts not contained within Jython packages. In addition, wsadmin automatically includes all the subdirectories of the directories in the search paths to the Jython search path.

In V8.0.0.3, the new "wsadmin –javaoption -Dwsadmin.script.libraries.packages=<search paths>" option may be used to provide the search paths of wsadmin scripts contained within Jython packages. Only the directories specified by the search paths are added to the Jython search path.

Usage scenario - Importing a script that uses Jython packages

- Jython scripts can be defined within Jython packages
- The new wsadmin option allows the scripts to be imported.

Importing wsadmin scripts within Jython packages

You can now write scripts that are defined within Jython packages. The new wsadmin option allows other scripts to import and reference the scripts within the Jython packages.

Example of a script

- The following script is stored at <ROOT>/test/hello.py
  def sayHello() :
      print "Hello"
      return

- Use this wsadmin option to import the script:
  – wsadmin –javaoption -Dwsadmin.script.libraries.packages=<ROOT>/test

- The imported script can be referenced as follows:
  – from test import hello
  – hello.sayHello()

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Use the 'wsadmin –javaoption -Dwsadmin.script.libraries.packages' command to import a script.

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