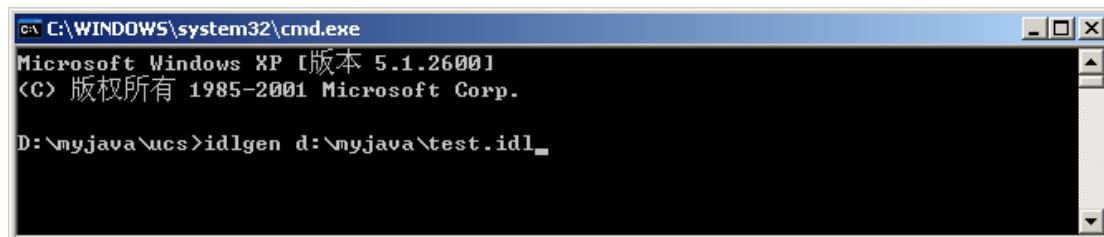


Known issues:

- Not support Any, Enum, Union type.
- Not support IDL include
- Not support IDL inheritance
- Not support oneway
- Can not assign a value to structs, so you can compile generated code, but there will be some runtime errors.

Enter the home directory of UCS, and open a console window.



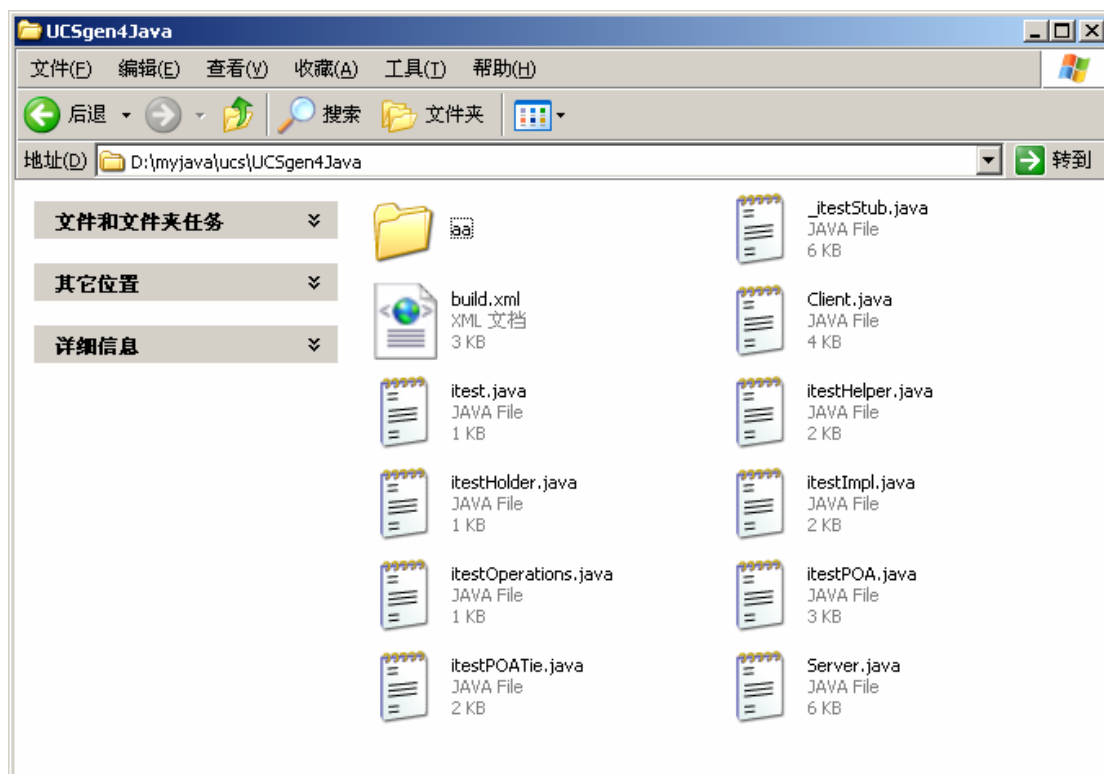
```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) 版权所有 1985-2001 Microsoft Corp.

D:\myjava\ucs>idlgen d:\myjava\test.idl_
```

The “test.idl” file is the file that you want to generate code according to.

Press enter.

You can see the related java code was generated in %UCS_HOME%\UCSgen4Java.



Enter this directory, and press ant command. Make sure you has ant installed.

```
C:\WINDOWS\system32\cmd.exe
D:\myjava\ucs\UCSgen4Java>ant help
Buildfile: build.xml

help:
    [echo] build.xml options:

    [echo] info          Prints out this message.
    [echo] sysinfo       Shows system variables and information
    [echo] clean          Removes all class files.
    [echo] runserver      Run the server.
    [echo] runclient     Run the client.

BUILD SUCCESSFUL
Total time: 0 seconds
D:\myjava\ucs\UCSgen4Java>
```

Press ant to compile all files.

```
C:\WINDOWS\system32\cmd.exe
D:\myjava\ucs\UCSgen4Java>ant
Buildfile: build.xml

init:
    [mkdir] Created dir: D:\myjava\ucs\UCSgen4Java\classes

build:
    [javac] Compiling 18 source files to D:\myjava\ucs\UCSgen4Java\classes
    [javac] 注意: 某些输入文件使用了未经检查或不安全的操作。
    [javac] 注意: 要了解详细信息, 请使用 -Xlint:unchecked 重新编译。

BUILD SUCCESSFUL
Total time: 1 second
D:\myjava\ucs\UCSgen4Java>
```

Press ant runserver and runclient to test the compiled code.

```
C:\WINDOWS\system32\cmd.exe
D:\myjava\ucs\UCSgen4Java>ant runclient
Buildfile: build.xml

runclient:
    [java] Initializing the ORB...
    [java] Reading an IOR from the file...
    [java] heel is being called
    [java] heel is returned
    [java] Printing parameters.....
    [java] _return_var15=UCS is cool!!
    [java] myname is being called
    [java] myname is returned
    [java] Printing parameters.....
    [java] clientVar8=UCS is cool!!
    [java] myname is being called
    [java] myname is returned
    [java] Printing parameters.....
    [java] _return_var16=UCS is cool!!
    [java] string_test is being called
    [java] string_test is returned
    [java] Printing parameters.....
    [java] clientVar9=UCS is cool!!
    [java] clientVar10=UCS is cool!!
    [java] clientVar11=UCS is cool!!
    [java] _return_var17=UCS is cool!!
    [java] long_test is being called
    [java] long_test is returned
    [java] Printing parameters.....
    [java] clientVar12=123
    [java] clientVar13=123
    [java] clientVar14=123
    [java] _return_var18=123
    [java] get_long_test is being called
    [java] get_long_test is returned
    [java] Printing parameters.....

BUILD SUCCESSFUL
Total time: 1 second
D:\myjava\ucs\UCSgen4Java>

C:\WINDOWS\system32\cmd.exe - ant runserver
D:\myjava\ucs\UCSgen4Java>ant runserver
Buildfile: build.xml

runserver:
    [java] Initializing the ORB
    [java] Writing stringified object reference to _aa_itest.ref
    [java] Writing stringified object reference to _itest.ref
    [java] Waiting for requests...
    [java] heel is being called...
    [java] heel is being returned...
    [java] myname is being called...
    [java] myname=UCS is cool!!
    [java] myname is being returned...
    [java] myname is being called...
    [java] myname is being returned...
    [java] string_test is being called...
    [java] in_val=UCS is cool!!
    [java] out_val=null
    [java] inout_val=UCS is cool!!
    [java] string_test is being returned...
    [java] long_test is being called...
    [java] in_val=123
    [java] out_val=0
    [java] inout_val=123
    [java] long_test is being returned...
    [java] get_long_test is being called...
    [java] get_long_test is being returned...
```