

```

>inp
AIPS 2: BDF2AIPS: Verb to read EVLA ASDM/BDF data into AIPS
AIPS 2: Adverbs      Values      Comments
AIPS 2: -----
AIPS 2: DOWAIT        1          > wait for and display output
AIPS 2: DOCRT         132        > 0 display output on
AIPS 2:                terminal, else message file
AIPS 2: ASDMFILE     'MYAREA:TSUB0001_sb1132  Full path name to ASDM dir.
AIPS 2:                3316_1_001.56148.127264
AIPS 2:                36343'
AIPS 2:                *rest ' '
AIPS 2: OUTNAME      ' '          Output UV file name (name)
AIPS 2:                blank => BDF2AIPS
AIPS 2: OUTCLASS     ' '          Output UV file name (class)
AIPS 2:                blank => UVEVLA
AIPS 2: OUTDISK      3          Output disk drive #
AIPS 2: DOUVCOMP     -1         >=0 => write compressed data
AIPS 2: CLINT        0          CL table interval (min)
AIPS 2:                0 -> 0.25
AIPS 2: CONFIG       6          Select this "configuration"
AIPS 2:                # - see BDFLIST output
AIPS 2: NCHAN        0          Select only data with this
AIPS 2:                # spectral channels/window
AIPS 2: NIF          0          Select only data with this
AIPS 2:                # spectral windows 0 -> any
AIPS 2: BAND         ' '          Select only frequency band
AIPS 2:                ('L','C',...) blank => any
AIPS 2: CALCODE      ' '          Select only scans with this
AIPS 2:                value of CALCODE
AIPS 2: ORDER        1          IFs to be in frequency order?

>for config=0:5; bdf2aips; end
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174551
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174551
x.selCode=""
x.selConfig=0
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174551"
x.g

ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174551 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174551 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174551
Using DADEVS.SH
BDFIn: info    20121008T174551 BDFIn Begins, svn ver. 426M
BDFIn: info    20121008T174551 Date/Time: 2012-10-08 17:45:51
BDFIn: info    20121008T174552 Making output AIPS UV data BDF2AIPS      UVEVLA 1 on
disk 3 cno 19
BDFIn: info    20121008T174552 Selecting scans with ConfigID 0
BDFIn: info    20121008T174552 Selecting 4 band
BDFIn: info    20121008T174552 Selecting scans with 1 Spectral Windows
BDFIn: info    20121008T174552 Selecting spectral windows with 16128 channels
BDFIn: info    20121008T174552 Selecting calCode ' '

```

```
BDFIn: info      20121008T174552 Selecting 1 spectral windows (IFs)
BDFIn: info      20121008T174552 Scan 001 sub 001 1331+305=3C286 time 00/03:03:17.1 -
00/03:06:15.6
BDFIn: info      20121008T174559 Scan 012 sub 001 CygA time 00/03:50:08.4 -
00/03:53:07.9
BDFIn: info      20121008T174606 Scan 014 sub 001 blankCyg time 00/03:58:07.1 -
00/04:03:06.2
BDFIn: info      20121008T174616 Wrote 13510 visibilities, drop 3416 all zero
BDFIn: info      20121008T174616 Copied calDevice table 25 rows
BDFIn: info      20121008T174618 Copied SysPower table 7344 rows
BDFIn: info      20121008T174618 Dropped SysPower table 141178 rows not in scan
BDFIn: info      20121008T174618 Generated GC table 1
BDFIn: info      20121008T174618 Extending online flags by      4.5 sec. on each end
BDFIn: info      20121008T174618 Copied 109 flag records
BDFIn: info      20121008T174618 Copied WEATHER table
BDFIn: info      20121008T174618 Flagged 0 online cal only scans
BDFIn: info      20121008T174618 Creating CL Table
BDFIn: info      20121008T174618 BDFIn Ends, svn ver. 426M
BDFIn: info      20121008T174618 Date/Time: 2012-10-08 17:46:18
BDFIn: info      20121008T174618 BDFIn Runtime =      27 sec. CPU usage =   20.124 sec.
Obit: info      20121008T174551 ObitPython Begins, svn ver. 426M
Obit: info      20121008T174551 Date/Time: 2012-10-08 17:45:51
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174619
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174619
x.selCode=""
x.selConfig=1
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174619"
x.g
```

```
ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174619 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174619 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174619
```

Using DADEVS.SH

```
BDFIn: info      20121008T174619 BDFIn Begins, svn ver. 426M
BDFIn: info      20121008T174619 Date/Time: 2012-10-08 17:46:19
BDFIn: info      20121008T174620 Making output AIPS UV data BDF2AIPS      UVEVLA 2 on
disk 3 cno 20
BDFIn: info      20121008T174620 Selecting scans with ConfigID 1
BDFIn: info      20121008T174620 Selecting 4 band
BDFIn: info      20121008T174620 Selecting scans with 4 Spectral Windows
BDFIn: info      20121008T174620 Selecting spectral windows with 512 channels
BDFIn: info      20121008T174620 Selecting calCode '      '
BDFIn: info      20121008T174620 Selecting 1 spectral windows (IFs)
BDFIn: info      20121008T174620 Scan 002 sub 001 1331+305=3C286 time 00/03:06:15.6 -
00/03:09:15.1
BDFIn: info      20121008T174626 Scan 003 sub 001 3C286 time 00/03:09:15.1 -
00/03:14:14.3
BDFIn: info      20121008T174634 Scan 004 sub 001 3C286 time 00/03:14:14.3 -
00/03:17:13.8
BDFIn: info      20121008T174640 Scan 005 sub 001 VirA time 00/03:17:13.8 -
00/03:22:13.0
BDFIn: info      20121008T174649 Scan 006 sub 001 VirA time 00/03:22:13.0 -
```

```
00/03:27:12.1
BDFIn: info    20121008T174659 Scan 007 sub 001 GOODSN time 00/03:27:12.1 -
00/03:32:11.4
BDFIn: info    20121008T174709 Scan 008 sub 001 GOODSN time 00/03:32:11.4 -
00/03:37:10.5
BDFIn: info    20121008T174718 Scan 009 sub 001 GOODSN time 00/03:37:10.5 -
00/03:40:10.1
BDFIn: info    20121008T174724 Scan 010 sub 001 CygA time 00/03:40:10.1 -
00/03:45:09.2
BDFIn: info    20121008T174734 Scan 011 sub 001 CygA time 00/03:45:09.2 -
00/03:50:08.4
BDFIn: info    20121008T174743 Scan 013 sub 001 blankCyg time 00/03:53:07.9 -
00/03:58:07.1
BDFIn: info    20121008T174751 Wrote 74078 visibilities, drop 1348 all zero
BDFIn: info    20121008T174751 Copied calDevice table 25 rows
BDFIn: info    20121008T174752 Copied SysPower table 34332 rows
BDFIn: info    20121008T174752 Dropped SysPower table 5597 rows not in scan
BDFIn: info    20121008T174752 Generated GC table 1
BDFIn: info    20121008T174752 Extending online flags by 4.5 sec. on each end
BDFIn: info    20121008T174752 Copied 109 flag records
BDFIn: info    20121008T174752 Copied WEATHER table
BDFIn: info    20121008T174752 Flagged 0 online cal only scans
BDFIn: info    20121008T174752 Creating CL Table
BDFIn: info    20121008T174752 BDFIn Ends, svn ver. 426M
BDFIn: info    20121008T174752 Date/Time: 2012-10-08 17:47:52
BDFIn: info    20121008T174752 BDFIn Runtime = 93 sec. CPU usage = 32.776 sec.
Obit: info    20121008T174619 ObitPython Begins, svn ver. 426M
Obit: info    20121008T174619 Date/Time: 2012-10-08 17:46:19
AIPS 2: LPCLOS: LUN = 5 ALREADY CLOSED IN FTAB ON CLOSE
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174753
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174753
x.selCode=""
x.selConfig=2
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174753"
x.g

ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174753 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174753 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174753

Using DADEVS.SH
BDFIn: info    20121008T174753 BDFIn Begins, svn ver. 426M
BDFIn: info    20121008T174753 Date/Time: 2012-10-08 17:47:53
BDFIn: Error   20121008T174754 GetHeader: No scans found matching selection criteria
BDFIn: Error   20121008T174754 Occured at file BDFIn.c: line 823 (GetHeader)
BDFIn: info    20121008T174754 BDFIn Ends, svn ver. 426M
BDFIn: info    20121008T174754 Date/Time: 2012-10-08 17:47:54
BDFIn: info    20121008T174754 BDFIn Runtime = 1 sec. CPU usage = 0.248 sec.
Traceback (most recent call last):
  File "/users/sgneff/BDF2AIPS.run.08OCT2012.174753", line 24, in ?
    x.g
  File "/usr/share/obittalk/python/AIPSTask.py", line 592, in __getattr__
    return Task.__getattr__(self, name)
```

```
File "/usr/share/obittalk/python/Task.py", line 283, in __getattr__
    return self.go()
File "/usr/share/obittalk/python/ObitTask.py", line 227, in go
    self.wait(proxy, tid)
File "/usr/share/obittalk/python/AIPSTask.py", line 484, in wait
    output_dict = inst.wait(tid)
File "/usr/share/obittalk/python/Proxy/ObitTask.py", line 635, in wait
    raise RuntimeError, msg
RuntimeError: Task 'BDFIn' returns '1'
Obit: info    20121008T174753 ObitPython Begins, svn ver. 426M
Obit: info    20121008T174753 Date/Time: 2012-10-08 17:47:53
AIPS 2: LPCLOS: LUN = 5 ALREADY CLOSED IN FTAB ON CLOSE
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174756
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174756
x.selCode=""
x.selConfig=3
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174756"
x.g

ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174756 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174756 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174756
Traceback (most recent call last):
  File "/users/sgneff/BDF2AIPS.run.08OCT2012.174756", line 24, in ?
    x.g
  File "/usr/share/obittalk/python/AIPSTask.py", line 592, in __getattr__
    return Task.__getattr__(self, name)
  File "/usr/share/obittalk/python/Task.py", line 283, in __getattr__
    return self.go()
  File "/usr/share/obittalk/python/ObitTask.py", line 227, in go
    self.wait(proxy, tid)
  File "/usr/share/obittalk/python/AIPSTask.py", line 484, in wait
    output_dict = inst.wait(tid)
  File "/usr/share/obittalk/python/Proxy/ObitTask.py", line 635, in wait
    raise RuntimeError, msg
RuntimeError: Task 'BDFIn' returns '1'
Using DADEVS.SH
BDFIn: info    20121008T174756 BDFIn Begins, svn ver. 426M
BDFIn: info    20121008T174756 Date/Time: 2012-10-08 17:47:56
BDFIn: Error   20121008T174756 GetHeader: No scans found matching selection criteria
BDFIn: Error   20121008T174756 Occured at file BDFIn.c: line 823 (GetHeader)
BDFIn: info    20121008T174756 BDFIn Ends, svn ver. 426M
BDFIn: info    20121008T174756 Date/Time: 2012-10-08 17:47:56
BDFIn: info    20121008T174756 BDFIn Runtime =          0 sec. CPU usage =      0.195 sec.
Obit: info    20121008T174756 ObitPython Begins, svn ver. 426M
Obit: info    20121008T174756 Date/Time: 2012-10-08 17:47:56
AIPS 2: LPCLOS: LUN = 5 ALREADY CLOSED IN FTAB ON CLOSE
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174757
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174757
x.selCode=""
x.selConfig=4
```

```
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174757"
x.g
```

```
ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174757 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174757 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174757
```

Traceback (most recent call last):

```
File "/users/sgneff/BDF2AIPS.run.08OCT2012.174757", line 24, in ?
  x.g
File "/usr/share/obittalk/python/AIPSTask.py", line 592, in __getattr__
  return Task.__getattr__(self, name)
File "/usr/share/obittalk/python/Task.py", line 283, in __getattr__
  return self.go()
File "/usr/share/obittalk/python/ObitTask.py", line 227, in go
  self.wait(proxy, tid)
File "/usr/share/obittalk/python/AIPSTask.py", line 484, in wait
  output_dict = inst.wait(tid)
File "/usr/share/obittalk/python/Proxy/ObitTask.py", line 635, in wait
  raise RuntimeError, msg
```

RuntimeError: Task 'BDFIn' returns '1'

Using DADEVS.SH

```
BDFIn: info    20121008T174757 BDFIn Begins, svn ver. 426M
BDFIn: info    20121008T174757 Date/Time: 2012-10-08 17:47:57
BDFIn: Error   20121008T174757 GetHeader: No scans found matching selection criteria
BDFIn: Error   20121008T174757 Occured at file BDFIn.c: line 823 (GetHeader)
BDFIn: info    20121008T174757 BDFIn Ends, svn ver. 426M
BDFIn: info    20121008T174757 Date/Time: 2012-10-08 17:47:57
BDFIn: info    20121008T174757 BDFIn Runtime =          0 sec. CPU usage =    0.196 sec.
Obit: info    20121008T174757 ObitPython Begins, svn ver. 426M
Obit: info    20121008T174757 Date/Time: 2012-10-08 17:47:57
AIPS 2: LPCLOS: LUN = 5 ALREADY CLOSED IN FTAB ON CLOSE
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.log.08OCT2012.174758
AIPS 2: ZTXOP2: using translated file name =
AIPS 2: ZTXOP2: /users/sgneff/BDF2AIPS.run.08OCT2012.174758
x.selCode=""
x.selConfig=5
x.Compress=False
x.doCode=True
x.doSwPwr=False
x.taskLog="/users/sgneff/BDF2AIPS.log.08OCT2012.174758"
x.g
```

```
ObitTalk /users/sgneff/BDF2AIPS.run.08OCT2012.174758 >>
/users/sgneff/BDF2AIPS.log.08OCT2012.174758 &tail --pid=$! -f
/users/sgneff/BDF2AIPS.log.08OCT2012.174758
```

Traceback (most recent call last):

```
File "/users/sgneff/BDF2AIPS.run.08OCT2012.174758", line 24, in ?
  x.g
File "/usr/share/obittalk/python/AIPSTask.py", line 592, in __getattr__
  return Task.__getattr__(self, name)
File "/usr/share/obittalk/python/Task.py", line 283, in __getattr__
  return self.go()
```

```
File "/usr/share/obittalk/python/ObitTask.py", line 227, in go
    self.wait(proxy, tid)
File "/usr/share/obittalk/python/AIPSTask.py", line 484, in wait
    output_dict = inst.wait(tid)
File "/usr/share/obittalk/python/Proxy/ObitTask.py", line 635, in wait
    raise RuntimeError, msg
RuntimeError: Task 'BDFIn' returns '1'
Using DADEVS.SH
BDFIn: info      20121008T174758 BDFIn Begins, svn ver. 426M
BDFIn: info      20121008T174758 Date/Time: 2012-10-08 17:47:58
BDFIn: Error     20121008T174758 GetHeader: No scans found matching selection criteria
BDFIn: Error     20121008T174758 Occured at file BDFIn.c: line 823 (GetHeader)
BDFIn: info      20121008T174758 BDFIn Ends, svn ver. 426M
BDFIn: info      20121008T174758 Date/Time: 2012-10-08 17:47:58
BDFIn: info      20121008T174758 BDFIn Runtime =          0 sec. CPU usage =    0.194 sec.
Obit: info      20121008T174758 ObitPython Begins, svn ver. 426M
Obit: info      20121008T174758 Date/Time: 2012-10-08 17:47:58
AIPS 2: LPCLOS: LUN = 5 ALREADY CLOSED IN FTAB ON CLOSE
>
```