

16.6. Listing of NPEM's Isite configuration files

[A copy of these files (zserver.ini and sapi.ini) can be found at the PICES web site.]

16.6.1. *zserver.ini*

```
# Example zserver Configuration File for the NPEM database
#
# Please read /opt/Isite2/doc/isite.ps or go to
# http://vinca.cnidr.org/software/Isite/Isite.html for more
# information on this file.
#
# lines beginning with a "#" are comments

# This is the Server Information Group

[Default]

#
# What detail of debugging information would you like printed to the
# screen?
#
# Valid values are 0-9 ranging from less to more debugging information.
# Do not set this to 9 unless you really want to see the gory details
# of the actual protocol encoding of requests and responses.
#

DebugLevel=9

#
# Do you want to run the server as a forking daemon or a single
# connection server? Note that INETD doesn't mean you have to run
# under inetd, just that the server will accept a single client
# connection and then exit. This is probably undesirable for production
# purposes, because of the startup time involved.
#
# STANDALONE or INETD
#

ServerType=STANDALONE

#
# What TCP port number for the server? 210 is the IETF-approved
# standard port, but requires system-level privileges to use. We used
# port 6668
#

Port=6668

#
# What is the maximum number of simultaneous client connections you'll
# accept?
#

MaxSessions=50
```

```

#
# Where should zserver record its process ID number when it starts?
#

PidFile=zserver.pid

#
# What is the FULL FILENAME of your Search API configuration file?
#
# For example, "SAPI=/usr/local/bin/sapi.ini"
#

SAPI=sapi.ini

#
# Access (transfer) log filename
#

AccessLog=zserver_access.log

#
# Server activity timeout
#

TimeOut=900

#
# List of databases available in your sapi.ini file, which ones
# do you want clients to have access to (comma-delimited, no spaces)?
#

DBList=NPEM

#
# STOP!!
#
# That should be all you have to edit in this file.
# Make sure you have your
# sapi.ini file configured properly and your own you way!
#

# This is a "special" diagnostic group.  If you want the error messages
# changed, do so here.
[1.2.840.10003.3.1]
1=Permanent system error
2=Temporary system error
3=Unsupported search
4=Terms only exclusion (stop) words
5=Too many argument words
6=Too many boolean operators
7=Too many truncated words
8=Too many incomplete subfields
9=Truncated words too short
10=Invalid format for record number (search term)
11=Too many characters in search statement
12=Too many records retrieved
13=Present request out of range

```

14=System error in presenting records
15=Record no authorized to be sent intersystem
16=Record exceeds Preferred-message-size
17=Record exceeds Maximum-record-size
18=Result set not supported as a search term
19=Only single result set as search term supported
20=Only ANDing of a single result set as search term supported
21=Result set exists and replace indicator off
22=Result set naming not supported
23=Combination of specified databases not supported
24=Element set names not supported
25=Specified element set name not valid for specified database
26=Only a single element set name supported
27=Result set no longer exists - unilaterally deleted by target
28=Result set is in use
29=One of the specified databases is locked
30=Specified result set does not exist
31=Resources exhausted - no results available
32=Resources exhausted - unpredictable partial results available
33=Resources exhausted - valid subset of results available
100=Unspecified error
101=Access-control failure
102=Security challenge required but could not be issued - request terminated
103=Security challenge required but could not be issued - record not included
104=Security challenge failed - record not included
105=Terminated by negative continue response
106=No abstract syntaxes agreed to for this record
107=Query type not supported
108=Malformed query
109=Database unavailable
110=Operator unsupported
111=Too many databases specified
112=Too many result sets created
113=Unsupported attribute type
114=Unsupported Use attribute
115=Unsupported value for Use attribute
116=Use attribute required but not supplied
117=Unsupported Relation attribute
118=Unsupported Structure attribute
119=Unsupported Position attribute
120=Unsupported Truncation attribute
121=Unsupported Attribute Set
122=Unsupported Completeness attribute
123=Unsupported attribute combination
124=Unsupported coded value for term
125=Malformed search term
126=Illegal term value for attribute
127=Unparsable format for un-normalized value
128=Illegal result set name
129=Proximity search of sets not supported
130=Illegal result set in proximity search
131=Unsupported proximity relation
132=Unsupported proximity unit code

16.6.2. *sapi.ini*

```
[DEFAULT]
```

```
DBList=NPEM
```

```
[NPEM]
```

```
type=ISEARCH
```

```
location=/opt/Isite2/index
```

```
FieldMaps=/opt/Isite2/bin/bib1_fgdc.map,\  
  /opt/Isite2/bin/gils_fgdc.map,\  
  /opt/Isite2/bin/geo_fgdc.map
```