

?????

- CentOS 5.5 32bit
- PHP 5.1.6/5.3.5
- Oracle 9.2.0.6

??/? PHP 5.3

???????????????? [CentOS 5.5 ??? PHP 5.3](#)

?? Oracle Instant Client

// ????

<http://www.oracle.com/technetwork/da...ex-097480.html>

1. Instant Client for Linux x86 > ?? Accept License Agreement?? **oracle-instantclient-basic-10.2.0.4-1.i386.rpm**
2. Instant Client for Linux x86 > ?? Accept License Agreement?? **oracle-instantclient-devel-10.2.0.4-1.i386.rpm**

?????? 53.9MB???????????????

// ????

```
cd /usr/src
rpm -ivh oracle-instantclient-basic-10.2.0.4-1.i386.rpm
rpm -ivh oracle-instantclient-devel-10.2.0.4-1.i386.rpm
```

?? PECL

```
// ? PHP 5.3 ??
// ?? php53-pear ??
```

```
cd /usr/src/redhat/SRPMS/
wget http://dl.iuscommunity.org/pub/ius/archive/Redhat/5.4/SRPMS/php53-pear-1.8.1-5.ius.el5.src.rpm
rpmbuild --rebuild php53-pear-1.8.1-5.ius.el5.src.rpm
rpm -ivh /usr/src/redhat/RPMS/noarch/php53-pear-1.8.1-5.ius.noarch.rpm
```

NOTES:

? ? PHP 5.3 ?????? yum ?? php-pear?

Rebuild PHP RPMs

for PHP 5.1.6(built-in)
?? SRPM

```
cd /usr/src/redhat/SRPMS
```

```
wget http://ftp.isu.edu.tw/pub/Linux/CentOS/5.5/os/SRPMS/php-5.1.6-27.el5.src.rpm
rpm -ivh php-5.1.6-27.el5.src.rpm
vi ../SPECS/php.spec
```

php.spec: ?????

```
# Build /usr/bin/php-cgi with the CGI SAPI, and all the shared extensions
```

```
pushd build-cgi
build --enable-force-cgi-redirect \
  --enable-pcntl \
  --with-imap=shared --with-imap-ssl \
  --enable-mbstring=shared --enable-mbstr-enc-trans \
  --enable-mbregex \
  --with-ncurses=shared \
  --with-gd=shared \
  --enable-bcmath=shared \
  --enable-dba=shared --with-db4=%{_prefix} \
  --with-xmllrpc=shared \
  --with-ldap=shared --with-ldap-sasl \
  --with-mysql=shared,%{_prefix} \
  --with-mysqli=shared,%{_libdir}/mysql/mysql_config \
  --enable-dom=shared \
  --with-dom-xslt=%{_prefix} --with-dom-exslt=%{_prefix} \
  --with-pgsql=shared \
  --with-snmp=shared,%{_prefix} \
  --enable-soap=shared \
  --with-xsl=shared,%{_prefix} \
  --enable-xmlreader=shared --enable-xmlwriter=shared \
  --enable-fastcgi \
  --enable-pdo=shared \
  --with-pdo-odbc=shared,unixODBC,%{_prefix} \
  --with-pdo-mysql=shared,%{_libdir}/mysql/mysql_config \
  --with-pdo-pgsql=shared,%{_prefix} \
  --with-pdo-sqlite=shared,%{_prefix} \
  --enable-dbase=shared
```

????

```
--with-oci8=instantclient,/usr/lib/oracle/10.2.0.4/client/lib \
--enable-dbase=shared
```

????

```
rpmbuild -bb ../SPECS/php.spec
```

?? oci8.so

```
cd ../BUILD/php-5.1.6/ext/oci8/
phpize
./configure --with-oci8=shared,instantclient,/usr/lib/oracle/10.2.0.4/client/lib
make
make install
vi /etc/php.d/oci8.ini
```

oci8.ini:

```
; Enable oci8 extension module
extension=oci8.so
```

// ?? Apache

```
service httpd restart
```

?? phpinfo

oci8

OCI8 Support	enabled
Revision	\$Revision: 1.269.2.18 \$
Active Persistent Connections	0
Active Connections	0
Oracle Instant Client Version	10.2
Temporary Lob support	enabled
Collections support	enabled

Directive	Local Value	Master Value
oci8.default_prefetch	10	10
oci8.max_persistent	-1	-1
oci8.old_oci_close_semantics	0	0
oci8.persistent_timeout	-1	-1
oci8.ping_interval	60	60
oci8.privileged_connect	Off	Off
oci8.statement_cache_size	20	20

for PHP 5.3

??? PHP RPM ?????? oci8 ? pdo_oci extension??????? PHP???????????

// ????? CD ????? PHP ??? SRPM???????

```
rpm -ivh php53-5.3.5-1.el5.src.rpm
```

// ?? php53.spec

```
/usr/src/redhat/SPECS/php53.spec??????
```

```
# Build /usr/bin/php-cgi with the CGI SAPI, and all the shared extensions
```

```
pushd build-cgi
```

```
build --enable-pcntl \
  --with-imap=shared --with-imap-ssl \
  --enable-mbstring=shared \
  --enable-mbregex \
  --with-gd=shared \
  --enable-bcmath=shared \
  --enable-dba=shared --with-db4=%{_prefix} \
  --with-xmldrpc=shared \
  --with-ldap=shared --with-ldap-sasl \
  --with-mysql=shared,%{_prefix} \
  --with-mysqli=shared,%{_bindir}/mysql_config \
  --enable-dom=shared \
  --with-pgsql=shared \
  --with-snmp=shared,%{_prefix} \
  --enable-soap=shared \
  --with-xsl=shared,%{_prefix} \
  --enable-xmlreader=shared --enable-xmlwriter=shared \
  --enable-pdo=shared \
  --with-pdo-odbc=shared,unixODBC,%{_prefix} \
  --with-pdo-mysql=shared,%{_prefix} \
  --with-pdo-pgsql=shared,%{_prefix} \
  --with-pdo-sqlite=shared,%{_prefix}
```

```
// ??????????
```

```
--with-pdo-sqlite=shared,%{_prefix} \
--with-oci8=instantclient,/usr/lib/oracle/11.2/client/lib
```

```
// ????
```

```
cd /usr/src/redhat/SPECS/
rpmbuild -bb php53.spec
```

```
?????? php 5.1.6 ???
```

```
????
```

```
oracle-test.php:
```

```
<?php
```

```
$conn = oci_connect('dbuser', 'dbpass', 'ORACLE.SERVER.HOST.NAME/SERVICENAME');
```

```
$stid = oci_parse($conn, 'select * from TABLENAME');
```

```
oci_execute($stid);

echo "<table>\n";
while (($row = oci_fetch_array($stid, OCI_ASSOC+OCI_RETURN_NULLS)) != false) {
    echo "<tr>\n";
    foreach ($row as $item) {
        echo " <td>".($item !== null ? htmlentities($item, ENT_QUOTES) : "&nbsp;")."</td>\n";
    }
    echo "</tr>\n";
}
echo "</table>\n";

?>
```

FAQ

Q: ?????????checking for oci.h... configure: error: I'm too dumb to figure out where the include dir is in your Instant Client install

Ans: ???????? --with-oci8, --with-pdo-oci ??????????

Q: ?????????make: *** [ext/ldap/ldap.lo] Error 1?

Ans: ??? Oracle Instant Client 10.2.0.4?

Q: ?????????configure: error: pcntl: fork() not supported by this platform?

Ans: ?? export LD_LIBRARY_PATH=/usr/lib/oracle/10.2.0.4/client/lib

Q: ?????????

configure: error:

You've configured extension pdo_oci, which depends on extension pdo, but you've either not enabled pdo, or have disabled it.

Ans: ?????? --disable-pdo

Q: ????????? Installed (but unpackaged) file(s) found: /usr/lib/php/modules/pdo_oci.so

Ans:

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- [Installing the OCI8 Extension for Oracle Database](#)
- [Installing PHP and the Oracle Instant Client for Linux and Windows](#)
- [Debian ??? PHP ? Oracle extension ?? PDO\(PDO_OCI\)](#)
- [Class: phpDB](#)
- <http://psoug.org/snippet/PHPOracle-8...action-66.htm>
- [Connecting to a Remote Oracle Database with PHP and the Oracle Instant Client](#)