Habilitar Edição de Bloco

Documentação da API

Para criar um cliente sugerimos que você leia o Documentação do cliente de web service do Moodle

Imprimir todos

core_calendar_create_calendar_events

Create calendar events

Argumentos
events (Obrigatório)

```
Estrutura geral

list of (
   //event
object {
name string    //event name
description string  Padrão para "null" //Description
format int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
courseid int  Padrão para "0" //course id
groupid int  Padrão para "0" //group id
repeats int  Padrão para "0" //number of repeats
eventtype string  Padrão para "user" //Event type
timestart int  Padrão para "1471957850" //timestart
timeduration int  Padrão para "0" //time duration
visible int  Padrão para "1" //visible
sequence int  Padrão para "1" //sequence
}
)
```

```
XML-RPC (Estrutura PHP)

[events] =>
    Array
    (
        [0] =>
            Array
            (
                [name] => string
                [description] => string
                [format] => int
                [courseid] => int
                [groupid] => int
                [repeats] => int
                [eventtype] => string
                [timestart] => int
                [timeduration] => int
                [visible] => int
                [sequence] => int
            )
    )
```

```
REST (parâmetros POST)

events[0][name]= string
events[0][description]= string
events[0][format]= int
events[0][courseid]= int
events[0][groupid]= int
events[0][repeats]= int
events[0][eventtype]= string
events[0][timestart]= int
events[0][timeduration]= int
events[0][visible]= int
events[0][sequence]= int
```

Resposta

```
Estrutura geral

object {
events list of (
   //event
object {
id int   //event id
name string   //event name
description string  Opcional //Description
format int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
courseid int   //course id
groupid int   //group id
userid int   //user id
repeatid int  Opcional //repeat id
modulename string  Opcional //module name
instance int   //instance id
eventtype string   //Event type
timestart int   //timestart
timeduration int   //time duration
visible int   //visible
uuid string  Opcional //unique id of ical events
sequence int   //sequence
timemodified int   //time modified
subscriptionid int  Opcional //Subscription id
}
)warnings  Opcional //list of warnings
list of (
   //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
```

```
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [events] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [id] => int
                        [name] => string
                        [description] => string
                        [format] => int
                        [courseid] => int
                        [groupid] => int
                        [userid] => int
                        [repeatid] => int
                        [modulename] => string
                        [instance] => int
                        [eventtype] => string
                        [timestart] => int
                        [timeduration] => int
                        [visible] => int
                        [uuid] => string
                        [sequence] => int
                        [timemodified] => int
                        [subscriptionid] => int
                        )

                )
        [warnings] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )
        )
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [events] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [id] => int
                        [name] => string
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="events">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="format">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="courseid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="groupid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="userid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="repeatid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="modulename">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="instance">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="eventtype">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timestart">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="timeduration">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="visible">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="uuid">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="sequence">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="timemodified">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="subscriptionid">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_calendar_delete_calendar_events

Delete calendar events

Argumentos

events (Obrigatório)

Estrutura geral

```
list of (
    //List of events to delete
object {
eventid int    //Event ID
repeat int    //Delete comeplete series if repeated event
}
)
```

XML-RPC (Estrutura PHP)

```
[events] =>
    Array
```

```
                (
                [0] =>
                    Array
                        (
                            [eventid] => int
                            [repeat] => int
                        )
                )
```

REST (parâmetros POST)

```
events[0][eventid]= int
events[0][repeat]= int
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_calendar_get_calendar_events

Get calendar events

Argumentos

events (Padrão para "Array ( ) ")

Event details

Estrutura geral

```
 Padrão para "Array
(
)
" //Event details
object {
eventids  Padrão para "Array
(
)
" //List of event ids
list of (
int   //event ids
)courseids  Padrão para "Array
(
)
" //List of course ids for which events will be returned
list of (
int   //course ids
)groupids  Padrão para "Array
(
)
" //List of group ids for which events should be returned
list of (
int   //group ids
)}
```

XML-RPC (Estrutura PHP)

```
[events] =>
    Array
        (
            [eventids] =>
                Array
                    (
                        [0] => int
                    )
            [courseids] =>
                Array
                    (
                        [0] => int
                    )
            [groupids] =>
                Array
                    (
                        [0] => int
                    )
        )
```

REST (parâmetros POST)

```
events[eventids][0]= int
events[courseids][0]= int
events[groupids][0]= int
```

options (Padrão para "Array ( ) ")

Options

Estrutura geral

```
 Padrão para "Array
(
)
" //Options
object {
userevents int  Padrão para "1" //Set to true to return current user's user events
siteevents int  Padrão para "1" //Set to true to return global events
timestart int  Padrão para "0" //Time from which events should be returned
timeend int  Padrão para "1471957850" //Time to which the events should be returned
ignorehidden int  Padrão para "1" //Ignore hidden events or not
}
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
            [userevents] => int
            [siteevents] => int
            [timestart] => int
            [timeend] => int
            [ignorehidden] => int
        )
```

REST (parâmetros POST)

```
options[userevents]= int
options[siteevents]= int
options[timestart]= int
options[timeend]= int
options[ignorehidden]= int
```

Resposta

Estrutura geral

```
object {
events list of (
 //event
object {
id int   //event id
name string   //event name
description string  Opcional //Description
format int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
courseid int   //course id
groupid int   //group id
userid int   //user id
repeatid int   //repeat id
modulename string  Opcional //module name
instance int   //instance id
eventtype string   //Event type
timestart int   //timestart
timeduration int   //time duration
visible int   //visible
uuid string  Opcional //unique id of ical events
sequence int   //sequence
timemodified int   //time modified
subscriptionid int  Opcional //Subscription id
}
)warnings  Opcional //list of warnings
list of (
 //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [events] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [id] => int
                                    [name] => string
                                    [description] => string
                                    [format] => int
                                    [courseid] => int
                                    [groupid] => int
                                    [userid] => int
                                    [repeatid] => int
                                    [modulename] => string
                                    [instance] => int
                                    [eventtype] => string
                                    [timestart] => int
                                    [timeduration] => int
                                    [visible] => int
                                    [uuid] => string
                                    [sequence] => int
                                    [timemodified] => int
                                    [subscriptionid] => int
                                )
                    )
            [warnings] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="events">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="format">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="courseid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="groupid">
                        <VALUE>int</VALUE>
                    </KEY>
```

```
                        <KEY name="userid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="repeatid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="modulename">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="instance">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="eventtype">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="timestart">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="timeduration">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="visible">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="uuid">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="sequence">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="timemodified">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="subscriptionid">
                            <VALUE>int</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="warnings">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="item">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="itemid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="warningcode">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="message">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_add_cohort_members

Adds cohort members.

Argumentos

members (Obrigatório)

Estrutura geral

```
list of (
object {
cohorttype object {
type string    //The name of the field: id
                            (numeric value of cohortid) or idnumber (alphanumeric value of idnumber)
value string    //The value of the cohort
}
usertype object {
type string    //The name of the field: id
                            (numeric value of id) or username (alphanumeric value of username)
value string    //The value of the cohort
}
}
)
```

XML-RPC (Estrutura PHP)

```
[members] =>
    Array
        (
        [0] =>
            Array
                (
                [cohorttype] =>
                    Array
                        (
                        [type] => string
                        [value] => string
                        )
                [usertype] =>
                    Array
                        (
                        [type] => string
                        [value] => string
                        )
                )
        )
```

REST (parâmetros POST)

```
members[0][cohorttype][type]= string
members[0][cohorttype][value]= string
members[0][usertype][type]= string
members[0][usertype][value]= string
```

Resposta

Estrutura geral

```
object {
warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [warnings] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_create_cohorts

Creates new cohorts.

Argumentos

cohorts (Obrigatório)

Estrutura geral

```
list of (
object {
categorytype object {
type string   //the name of the field: id (numeric value
                         of course category id) or idnumber (alphanumeric value of idnumber course cat
                         or system (value ignored)
value string   //the value of the categorytype
}
name string   //cohort name
idnumber string   //cohort idnumber
description string  Opcional //cohort description
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
[cohorts] =>
    Array
        (
        [0] =>
            Array
                (
```

```
                    [categorytype] =>
                        Array
                            (
                                [type] => string
                                [value] => string
                            )
                    [name] => string
                    [idnumber] => string
                    [description] => string
                    [descriptionformat] => int
                    )
            )
```

REST (parâmetros POST)

```
cohorts[0][categorytype][type]= string
cohorts[0][categorytype][value]= string
cohorts[0][name]= string
cohorts[0][idnumber]= string
cohorts[0][description]= string
cohorts[0][descriptionformat]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //cohort id
name string    //cohort name
idnumber string    //cohort idnumber
description string    //cohort description
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [name] => string
                        [idnumber] => string
                        [description] => string
                        [descriptionformat] => int
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_delete_cohort_members

Deletes cohort members.

Argumentos

members (Obrigatório)

Estrutura geral

```
list of (
object {
cohortid int    //cohort record id
userid int    //user id
}
)
```

XML-RPC (Estrutura PHP)

```
[members] =>
    Array
        (
            [0] =>
                Array
```

```
                (
                [cohortid] => int
                [userid] => int
                )
        )
```

REST (parâmetros POST)

```
members[0][cohortid]= int
members[0][userid]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_delete_cohorts

Deletes all specified cohorts.

cohortids (Obrigatório)

Estrutura geral

```
list of (
int    //cohort ID
)
```

XML-RPC (Estrutura PHP)

```
[cohortids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
cohortids[0]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_get_cohort_members

Returns cohort members.

cohortids (Obrigatório)

Estrutura geral

```
list of (
int    //Cohort ID
)
```

XML-RPC (Estrutura PHP)

```
[cohortids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
cohortids[0]= int
```

Estrutura geral

```
list of (
object {
cohortid int   //cohort record id
userids list of (
int   //user id
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [cohortid] => int
                [userids] =>
                    Array
                        (
                        [0] => int
                        )
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="cohortid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="userids">
                <MULTIPLE>
                    <VALUE>int</VALUE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_cohort_get_cohorts

Returns cohort details.

Argumentos

cohortids (Obrigatório)

List of cohort id. A cohort id is an integer.

Estrutura geral

```
 //List of cohort id. A cohort id is an integer.
list of (
int   //Cohort ID
)
```

XML-RPC (Estrutura PHP)

```
[cohortids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
cohortids[0]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int   //ID of the cohort
name string   //cohort name
idnumber string   //cohort idnumber
description string   //cohort description
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [name] => string
                [idnumber] => string
                [description] => string
```

```
                [descriptionformat] => int
            )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_cohort_update_cohorts

Updates existing cohorts.

Argumentos

cohorts (Obrigatório)

Estrutura geral

```
list of (
object {
id int    //ID of the cohort
categorytype object {
type string    //the name of the field: id (numeric value
                                 of course category id) or idnumber (alphanumeric value of idnumber course cat
                                 or system (value ignored)
value string    //the value of the categorytype
}
name string    //cohort name
idnumber string    //cohort idnumber
description string  Opcional //cohort description
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
[cohorts] =>
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [categorytype] =>
                    Array
                        (
                        [type] => string
                        [value] => string
                        )
                [name] => string
                [idnumber] => string
                [description] => string
                [descriptionformat] => int
                )
        )
```

REST (parâmetros POST)

```
cohorts[0][id]= int
cohorts[0][categorytype][type]= string
cohorts[0][categorytype][value]= string
cohorts[0][name]= string
cohorts[0][idnumber]= string
cohorts[0][description]= string
cohorts[0][descriptionformat]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_create_categories

Create course categories

Argumentos

categories (Obrigatório)

Estrutura geral

```
list of (
object {
name string    //new category name
parent int  Padrão para "0" //the parent category id inside which the new category will be created
                            - set to 0 for a root category
idnumber string  Opcional //the new category idnumber
description string  Opcional //the new category description
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
theme string  Opcional //the new category theme. This option must be enabled on moodle
}
)
```

XML-RPC (Estrutura PHP)

```
[categories] =>
    Array
        (
        [0] =>
            Array
                (
                [name] => string
                [parent] => int
                [idnumber] => string
                [description] => string
                [descriptionformat] => int
                [theme] => string
                )
        )
```

REST (parâmetros POST)

```
categories[0][name]= string
categories[0][parent]= int
categories[0][idnumber]= string
categories[0][description]= string
categories[0][descriptionformat]= int
categories[0][theme]= string
```

Resposta

Estrutura geral

```
list of (
object {
id int    //new category id
name string    //new category name
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [name] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_create_courses

Create new courses

courses (Obrigatório)
> courses to create

Estrutura geral

```
  //courses to create
list of (
object {
fullname string   //full name
shortname string    //course short name
categoryid int   //category id
idnumber string   Opcional //id number
summary string   Opcional //summary
summaryformat int   Padrão para "1" //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
format string   Padrão para "topics" //course format: weeks, topics, social, site,..
showgrades int   Padrão para "0" //1 if grades are shown, otherwise 0
newsitems int   Padrão para "5" //number of recent items appearing on the course page
startdate int   Opcional //timestamp when the course start
numsections int   Opcional //(deprecated, use courseformatoptions) number of weeks/topics
maxbytes int   Padrão para "52428800" //largest size of file that can be uploaded into the course
showreports int   Padrão para "0" //are activity report shown (yes = 1, no =0)
visible int   Opcional //1: available to student, 0:not available
hiddensections int   Opcional //(deprecated, use courseformatoptions) How the hidden sections in the course are displa
groupmode int   Padrão para "0" //no group, separate, visible
groupmodeforce int   Padrão para "0" //1: yes, 0: no
defaultgroupingid int   Padrão para "0" //default grouping id
enablecompletion int   Opcional //Enabled, control via completion and activity settings. Disabled,
                                          not shown in activity settings.
completionnotify int   Opcional //1: yes 0: no
lang string   Opcional //forced course language
forcetheme string   Opcional //name of the force theme
courseformatoptions   Opcional //additional options for particular course format
list of (
object {
name string    //course format option name
value string    //course format option value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[courses] =>
    Array
        (
        [0] =>
            Array
                (
                [fullname] => string
                [shortname] => string
                [categoryid] => int
                [idnumber] => string
                [summary] => string
                [summaryformat] => int
                [format] => string
                [showgrades] => int
                [newsitems] => int
                [startdate] => int
                [numsections] => int
                [maxbytes] => int
                [showreports] => int
                [visible] => int
                [hiddensections] => int
                [groupmode] => int
                [groupmodeforce] => int
                [defaultgroupingid] => int
                [enablecompletion] => int
                [completionnotify] => int
                [lang] => string
                [forcetheme] => string
                [courseformatoptions] =>
                    Array
                        (
                        [0] =>
                            Array
                                (
                                [name] => string
                                [value] => string
                                )
                        )
                )
        )
```

REST (parâmetros POST)

```
courses[0][fullname]= string
courses[0][shortname]= string
courses[0][categoryid]= int
courses[0][idnumber]= string
courses[0][summary]= string
courses[0][summaryformat]= int
courses[0][format]= string
courses[0][showgrades]= int
courses[0][newsitems]= int
courses[0][startdate]= int
courses[0][numsections]= int
courses[0][maxbytes]= int
courses[0][showreports]= int
courses[0][visible]= int
courses[0][hiddensections]= int
courses[0][groupmode]= int
courses[0][groupmodeforce]= int
courses[0][defaultgroupingid]= int
courses[0][enablecompletion]= int
courses[0][completionnotify]= int
courses[0][lang]= string
courses[0][forcetheme]= string
courses[0][courseformatoptions][0][name]= string
courses[0][courseformatoptions][0][value]= string
```

Estrutura geral

```
list of (
object {
id int    //course id
shortname string    //short name
```

```
    }
 )
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [shortname] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_delete_categories

Delete course categories

Argumentos

categories (Obrigatório)

Estrutura geral

```
list of (
object {
id int    //category id to delete
newparent int  Opcional //the parent category to move the contents to, if specified
recursive int  Padrão para "0" //1: recursively delete all contents inside this
                              category, 0 (default): move contents to newparent or current parent category (except
}
)
```

XML-RPC (Estrutura PHP)

```
[categories] =>
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [newparent] => int
                    [recursive] => int
                )
        )
```

REST (parâmetros POST)

```
categories[0][id]= int
categories[0][newparent]= int
categories[0][recursive]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_delete_courses

Deletes all specified courses

Argumentos

courseids (Obrigatório)

Estrutura geral

```
list of (
int    //course ID
)
```

XML-RPC (Estrutura PHP)

```
[courseids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
courseids[0]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_course_delete_modules

Deletes all specified module instances

Argumentos

cmids (Obrigatório)

Array of course module IDs

Estrutura geral

```
 //Array of course module IDs
list of (
int    //course module ID
)
```

XML-RPC (Estrutura PHP)

```
[cmids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
cmids[0]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_course_duplicate_course

Duplicate an existing course (creating a new one) without user data

---

Argumentos

courseid (Obrigatório)

course to duplicate id

Estrutura geral

```
int    //course to duplicate id
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

fullname (Obrigatório)
    duplicated course full name

Estrutura geral

```
string    //duplicated course full name
```

XML-RPC (Estrutura PHP)

```
[fullname] => string
```

REST (parâmetros POST)

```
fullname= string
```

shortname (Obrigatório)
    duplicated course short name

Estrutura geral

```
string    //duplicated course short name
```

XML-RPC (Estrutura PHP)

```
[shortname] => string
```

REST (parâmetros POST)

```
shortname= string
```

categoryid (Obrigatório)
    duplicated course category parent

Estrutura geral

```
int   //duplicated course category parent
```

XML-RPC (Estrutura PHP)

```
[categoryid] => int
```

REST (parâmetros POST)

```
categoryid= int
```

visible (Padrão para "1")
    duplicated course visible, default to yes

Estrutura geral

```
int  Padrão para "1" //duplicated course visible, default to yes
```

XML-RPC (Estrutura PHP)

```
[visible] => int
```

REST (parâmetros POST)

```
visible= int
```

options (Padrão para "1")
    0

Estrutura geral

```
list of (
object {
name string    //The backup option name:
                          "activities" (int) Include course activites (default to 1 that is equal t
                          "blocks" (int) Include course blocks (default to 1 that is equal to yes),
                          "filters" (int) Include course filters  (default to 1 that is equal to ye
                          "users" (int) Include users (default to 0 that is equal to no),
                          "role_assignments" (int) Include role assignments  (default to 0 that is
                          "comments" (int) Include user comments  (default to 0 that is equal to no
                          "userscompletion" (int) Include user course completion information  (defa
                          "logs" (int) Include course logs  (default to 0 that is equal to no),
                          "grade_histories" (int) Include histories  (default to 0 that is equal to
value string    //the value for the option 1 (yes) or 0 (no)
}
)
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
        [0] =>
            Array
                (
                [name] => string
                [value] => string
                )
        )
```

REST (parâmetros POST)

```
options[0][name]= string
options[0][value]= string
```

Estrutura geral

```
object {
id int    //course id
shortname string    //short name
}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [id] => int
        [shortname] => string
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="id">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="shortname">
            <VALUE>string</VALUE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_get_categories

Return category details

Argumentos

criteria (Padrão para "Array ( ) ")

criteria

Estrutura geral

```
 Padrão para "Array
(
)
" //criteria
list of (
object {
key string    //The category column to search, expected keys (value format) are:"id" (int) the category id,"name" (str
                                then the function return all categories that the user can see. - user mu
value string    //the value to match
}
)
```

XML-RPC (Estrutura PHP)

```
[criteria] =>
    Array
        (
        [0] =>
            Array
                (
                [key] => string
                [value] => string
                )
        )
```

REST (parâmetros POST)

```
criteria[0][key]= string
criteria[0][value]= string
```

addsubcategories (Padrão para "1")

return the sub categories infos (1 - default) otherwise only the category info (0)

Estrutura geral

```
int    Padrão para "1" //return the sub categories infos
                                (1 - default) otherwise only the category info (0)
```

XML-RPC (Estrutura PHP)

```
[addsubcategories] => int
```

REST (parâmetros POST)

```
addsubcategories= int
```

Estrutura geral

```
list of (
   //List of categories
object {
id int   //category id
name string   //category name
idnumber string  Opcional //category id number
description string   //category description
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
parent int   //parent category id
sortorder int   //category sorting order
coursecount int   //number of courses in this category
visible int  Opcional //1: available, 0:not available
visibleold int  Opcional //1: available, 0:not available
timemodified int  Opcional //timestamp
depth int   //category depth
path string   //category path
theme string  Opcional //category theme
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [name] => string
                    [idnumber] => string
                    [description] => string
                    [descriptionformat] => int
                    [parent] => int
                    [sortorder] => int
                    [coursecount] => int
                    [visible] => int
                    [visibleold] => int
                    [timemodified] => int
                    [depth] => int
                    [path] => string
                    [theme] => string
                    )
            )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="parent">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="sortorder">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="coursecount">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="visibleold">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timemodified">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="depth">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="path">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="theme">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_get_contents

Get course contents

Argumentos

courseid (Obrigatório)
    course id

Estrutura geral

```
int   //course id
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

options (Padrão para "Array ( ) ")
    Options, not used yet, might be used in later version

Estrutura geral

```
 Padrão para "Array
(
)
" //Options, not used yet, might be used in later version
list of (
object {
name string    //option name
value string    //the value of the option, this param is personaly validated in the external function.
}
)
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
            [0] =>
                Array
                    (
                        [name] => string
                        [value] => string
                    )
        )
```

REST (parâmetros POST)

```
options[0][name]= string
options[0][value]= string
```

Resposta

Estrutura geral

```
list of (
object {
id int    //Section ID
name string    //Section name
visible int  Opcional //is the section visible
summary string    //Section description
summaryformat int    //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
modules    //list of module
list of (
object {
id int    //activity id
url string  Opcional //activity url
name string    //activity module name
description string  Opcional //activity description
visible int  Opcional //is the module visible
modicon string    //activity icon url
modname string    //activity module type
modplural string    //activity module plural name
availablefrom int  Opcional //module availability start date
availableuntil int  Opcional //module availability en date
indent int    //number of identation in the site
contents list of (
object {
type string    //a file or a folder or external link
filename string    //filename
filepath string    //filepath
filesize int    //filesize
fileurl string  Opcional //downloadable file url
content string  Opcional //Raw content, will be used when type is content
timecreated int    //Time created
timemodified int    //Time modified
sortorder int    //Content sort order
userid int    //User who added this content to moodle
author string    //Content owner
license string    //Content license
}
)}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [name] => string
                        [visible] => int
                        [summary] => string
                        [summaryformat] => int
                        [modules] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [id] => int
```

```
                                        [url] => string
                                        [name] => string
                                        [description] => string
                                        [visible] => int
                                        [modicon] => string
                                        [modname] => string
                                        [modplural] => string
                                        [availablefrom] => int
                                        [availableuntil] => int
                                        [indent] => int
                                        [contents] =>
                                            Array
                                                (
                                                    [0] =>
                                                        Array
                                                            (
                                                                [type] => string
                                                                [filename] => string
                                                                [filepath] => string
                                                                [filesize] => int
                                                                [fileurl] => string
                                                                [content] => string
                                                                [timecreated] => int
                                                                [timemodified] => int
                                                                [sortorder] => int
                                                                [userid] => int
                                                                [author] => string
                                                                [license] => string
                                                            )

                                                )

                                    )

                            )

                    )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="summary">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="summaryformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="modules">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="id">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="url">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="description">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="visible">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="modicon">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="modname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="modplural">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="availablefrom">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="availableuntil">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="indent">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="contents">
                            <MULTIPLE>
                                <SINGLE>
                                    <KEY name="type">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="filename">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="filepath">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="filesize">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="fileurl">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="content">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="timecreated">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="timemodified">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="sortorder">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="userid">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="author">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="license">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                </SINGLE>
                            </MULTIPLE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
```

```
            </KEY>
        </SINGLE>
      </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_get_courses

Return course details

Argumentos

options (Padrão para "Array ( ) ")

options - operator OR is used

Estrutura geral

```
 Padrão para "Array
(
)
" //options - operator OR is used
object {
ids  Opcional //List of course id. If empty return all courses
                                   except front page course.
list of (
int   //Course id
)}
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
            [ids] =>
                Array
                    (
                        [0] => int
                    )
        )
```

REST (parâmetros POST)

```
options[ids][0]= int
```

Resposta

Estrutura geral

```
list of (
  //course
object {
id int   //course id
shortname string   //course short name
categoryid int   //category id
categorysortorder int  Opcional //sort order into the category
fullname string   //full name
idnumber string  Opcional //id number
summary string   //summary
summaryformat int   //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
format string   //course format: weeks, topics, social, site,..
showgrades int  Opcional //1 if grades are shown, otherwise 0
newsitems int  Opcional //number of recent items appearing on the course page
startdate int   //timestamp when the course start
numsections int  Opcional //(deprecated, use courseformatoptions) number of weeks/topics
maxbytes int  Opcional //largest size of file that can be uploaded into the course
showreports int  Opcional //are activity report shown (yes = 1, no =0)
visible int  Opcional //1: available to student, 0:not available
hiddensections int  Opcional //(deprecated, use courseformatoptions) How the hidden sections in the course are displa
groupmode int  Opcional //no group, separate, visible
groupmodeforce int  Opcional //1: yes, 0: no
defaultgroupingid int  Opcional //default grouping id
timecreated int  Opcional //timestamp when the course have been created
timemodified int  Opcional //timestamp when the course have been modified
enablecompletion int  Opcional //Enabled, control via completion and activity settings. Disbaled,
                                  not shown in activity settings.
completionnotify int  Opcional //1: yes 0: no
lang string  Opcional //forced course language
forcetheme string  Opcional //name of the force theme
courseformatoptions  Opcional //additional options for particular course format
list of (
object {
name string   //course format option name
value string   //course format option value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [shortname] => string
                        [categoryid] => int
                        [categorysortorder] => int
                        [fullname] => string
                        [idnumber] => string
                        [summary] => string
                        [summaryformat] => int
```

```
                            [format] => string
                            [showgrades] => int
                            [newsitems] => int
                            [startdate] => int
                            [numsections] => int
                            [maxbytes] => int
                            [showreports] => int
                            [visible] => int
                            [hiddensections] => int
                            [groupmode] => int
                            [groupmodeforce] => int
                            [defaultgroupingid] => int
                            [timecreated] => int
                            [timemodified] => int
                            [enablecompletion] => int
                            [completionnotify] => int
                            [lang] => string
                            [forcetheme] => string
                            [courseformatoptions] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [name] => string
                                                    [value] => string
                                                )
                                    )
                        )
                )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="categoryid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="categorysortorder">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="summary">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="summaryformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="format">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="showgrades">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="newsitems">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="startdate">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="numsections">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="maxbytes">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="showreports">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="hiddensections">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="groupmode">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="groupmodeforce">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="defaultgroupingid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timecreated">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timemodified">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enablecompletion">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="completionnotify">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lang">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="forcetheme">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="courseformatoptions">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

```
REST
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_import_course

Import course data from a course into another course. Does not include any user data.

Argumentos

importfrom (Obrigatório)
  the id of the course we are importing from

```
Estrutura geral
int   //the id of the course we are importing from
```

```
XML-RPC (Estrutura PHP)
[importfrom] => int
```

```
REST (parâmetros POST)
importfrom= int
```

importto (Obrigatório)
  the id of the course we are importing to

```
Estrutura geral
int   //the id of the course we are importing to
```

```
XML-RPC (Estrutura PHP)
[importto] => int
```

```
REST (parâmetros POST)
importto= int
```

deletecontent (Padrão para "0")
  whether to delete the course content where we are importing to (default to 0 = No)

```
Estrutura geral
int   Padrão para "0" //whether to delete the course content where we are importing to (default to 0 = No)
```

```
XML-RPC (Estrutura PHP)
[deletecontent] => int
```

```
REST (parâmetros POST)
deletecontent= int
```

options (Padrão para "0")
  0

```
Estrutura geral
list of (
object {
name string   //The backup option name:
                            "activities" (int) Include course activites (default to 1 that is equal t
                            "blocks" (int) Include course blocks (default to 1 that is equal to yes),
                            "filters" (int) Include course filters  (default to 1 that is equal to ye
value string   //the value for the option 1 (yes) or 0 (no)
}
)
```

```
XML-RPC (Estrutura PHP)
[options] =>
    Array
        (
        [0] =>
            Array
                (
                [name] => string
                [value] => string
                )
        )
```

```
REST (parâmetros POST)
options[0][name]= string
options[0][value]= string
```

Resposta

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_update_categories

Update categories

Argumentos

categories (Obrigatório)

```
Estrutura geral

list of (
object {
id int    //course id
name string  Opcional //category name
idnumber string  Opcional //category id number
parent int  Opcional //parent category id
description string  Opcional //category description
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
theme string  Opcional //the category theme. This option must be enabled on moodle
}
)
```

```
XML-RPC (Estrutura PHP)

[categories] =>
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [name] => string
                        [idnumber] => string
                        [parent] => int
                        [description] => string
                        [descriptionformat] => int
                        [theme] => string
                    )
        )
```

```
REST (parâmetros POST)

categories[0][id]= int
categories[0][name]= string
categories[0][idnumber]= string
categories[0][parent]= int
categories[0][description]= string
categories[0][descriptionformat]= int
categories[0][theme]= string
```

Resposta

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_course_update_courses

Update courses

Argumentos

courses (Obrigatório)
    courses to update

```
Estrutura geral

   //courses to update
list of (
object {
id int    //ID of the course
fullname string  Opcional //full name
shortname string  Opcional //course short name
categoryid int  Opcional //category id
idnumber string  Opcional //id number
summary string  Opcional //summary
summaryformat int  Opcional //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
format string  Opcional //course format: weeks, topics, social, site,..
showgrades int  Opcional //1 if grades are shown, otherwise 0
newsitems int  Opcional //number of recent items appearing on the course page
startdate int  Opcional //timestamp when the course start
numsections int  Opcional //(deprecated, use courseformatoptions) number of weeks/topics
maxbytes int  Opcional //largest size of file that can be uploaded into the course
showreports int  Opcional //are activity report shown (yes = 1, no =0)
visible int  Opcional //1: available to student, 0:not available
hiddensections int  Opcional //(deprecated, use courseformatoptions) How the hidden sections in the course are
                                displayed to students
groupmode int  Opcional //no group, separate, visible
```

```
groupmodeforce int  Opcional //1: yes, 0: no
defaultgroupingid int  Opcional //default grouping id
enablecompletion int  Opcional //Enabled, control via completion and activity settings. Disabled,
                                 not shown in activity settings.
completionnotify int  Opcional //1: yes 0: no
lang string  Opcional //forced course language
forcetheme string  Opcional //name of the force theme
courseformatoptions  Opcional //additional options for particular course format
list of (
object {
name string    //course format option name
value string    //course format option value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[courses] =>
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [fullname] => string
                        [shortname] => string
                        [categoryid] => int
                        [idnumber] => string
                        [summary] => string
                        [summaryformat] => int
                        [format] => string
                        [showgrades] => int
                        [newsitems] => int
                        [startdate] => int
                        [numsections] => int
                        [maxbytes] => int
                        [showreports] => int
                        [visible] => int
                        [hiddensections] => int
                        [groupmode] => int
                        [groupmodeforce] => int
                        [defaultgroupingid] => int
                        [enablecompletion] => int
                        [completionnotify] => int
                        [lang] => string
                        [forcetheme] => string
                        [courseformatoptions] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [name] => string
                                                [value] => string
                                            )
                                )
                    )
        )
```

REST (parâmetros POST)

```
courses[0][id]= int
courses[0][fullname]= string
courses[0][shortname]= string
courses[0][categoryid]= int
courses[0][idnumber]= string
courses[0][summary]= string
courses[0][summaryformat]= int
courses[0][format]= string
courses[0][showgrades]= int
courses[0][newsitems]= int
courses[0][startdate]= int
courses[0][numsections]= int
courses[0][maxbytes]= int
courses[0][showreports]= int
courses[0][visible]= int
courses[0][hiddensections]= int
courses[0][groupmode]= int
courses[0][groupmodeforce]= int
courses[0][defaultgroupingid]= int
courses[0][enablecompletion]= int
courses[0][completionnotify]= int
courses[0][lang]= string
courses[0][forcetheme]= string
courses[0][courseformatoptions][0][name]= string
courses[0][courseformatoptions][0][value]= string
```

Resposta

Estrutura geral

```
object {
warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [warnings] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
```

```
        <SINGLE>
            <KEY name="warnings">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="item">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="itemid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="warningcode">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="message">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_enrol_get_course_enrolment_methods

Get the list of course enrolment methods

Argumentos

courseid (Obrigatório)
    Course id

Estrutura geral

```
int    //Course id
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //id of course enrolment instance
courseid int   //id of course
type string    //type of enrolment plugin
name string    //name of enrolment plugin
status string   //status of enrolment plugin
wsfunction string  Opcional //webservice function to get more information
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [courseid] => int
                [type] => string
                [name] => string
                [status] => string
                [wsfunction] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="type">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="status">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="wsfunction">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
```

```
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_enrol_get_enrolled_users

Get enrolled users by course id.

Argumentos

courseid (Obrigatório)
    course id

Estrutura geral

```
int   //course id
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

options (Padrão para "Array ( ) ")
    Option names: * withcapability (string) return only users with this capability. This option requires 'moodle/role:review' on the course context. * groupid (integer)
(integer) sql limit from. * limitnumber (integer) maximum number of returned users.

Estrutura geral

```
 Padrão para "Array
(
)
" //Option names:
                        * withcapability (string) return only users with this capability. This option requires 'm
                        * groupid (integer) return only users in this group id. This option requires 'moodle/site
                        * onlyactive (integer) return only users with active enrolments and matching time restric
                        * userfields ('string, string, ...') return only the values of these user fields.
                        * limitfrom (integer) sql limit from.
                        * limitnumber (integer) maximum number of returned users.
list of (
object {
name string    //option name
value string    //option value
}
)
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
            [0] =>
                Array
                    (
                        [name] => string
                        [value] => string
                    )
        )
```

REST (parâmetros POST)

```
options[0][name]= string
options[0][value]= string
```

Resposta

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //Username policy is defined in Moodle security config
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string  Opcional //User image profile URL - small version
profileimageurl string  Opcional //User image profile URL - big version
```

```
customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string      //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)groups  Opcional //user groups
list of (
object {
id int    //group id
name string     //group name
description string    //group description
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)roles  Opcional //user roles
list of (
object {
roleid int    //role id
name string   //role name
shortname string    //role shortname
sortorder int   //role sortorder
}
)preferences  Opcional //User preferences
list of (
object {
name string     //The name of the preferences
value string    //The value of the custom field
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int    //Id of the course
fullname string    //Fullname of the course
shortname string    //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                    [firstname] => string
                    [lastname] => string
                    [fullname] => string
                    [email] => string
                    [address] => string
                    [phone1] => string
                    [phone2] => string
                    [icq] => string
                    [skype] => string
                    [yahoo] => string
                    [aim] => string
                    [msn] => string
                    [department] => string
                    [institution] => string
                    [idnumber] => string
                    [interests] => string
                    [firstaccess] => int
                    [lastaccess] => int
                    [description] => string
                    [descriptionformat] => int
                    [city] => string
                    [url] => string
                    [country] => string
                    [profileimageurlsmall] => string
                    [profileimageurl] => string
                    [customfields] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [type] => string
                                            [value] => string
                                            [name] => string
                                            [shortname] => string
                                        )
                            )
                    [groups] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [id] => int
                                            [name] => string
                                            [description] => string
                                            [descriptionformat] => int
                                        )
                            )
                    [roles] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [roleid] => int
                                            [name] => string
                                            [shortname] => string
                                            [sortorder] => int
                                        )
                            )
                    [preferences] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [name] => string
                                            [value] => string
                                        )
                            )
                    [enrolledcourses] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [id] => int
                                            [fullname] => string
                                            [shortname] => string
                                        )
                            )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="address">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone1">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone2">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="icq">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="skype">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="yahoo">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="aim">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="msn">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="department">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="institution">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="interests">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lastaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="city">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="url">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="country">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurlsmall">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="customfields">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="type">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="groups">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="id">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="description">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="descriptionformat">
                            <VALUE>int</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="roles">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="roleid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="sortorder">
```

```
                              <VALUE>int</VALUE>
                          </KEY>
                      </SINGLE>
                  </MULTIPLE>
              </KEY>
              <KEY name="preferences">
                  <MULTIPLE>
                      <SINGLE>
                          <KEY name="name">
                              <VALUE>string</VALUE>
                          </KEY>
                          <KEY name="value">
                              <VALUE>string</VALUE>
                          </KEY>
                      </SINGLE>
                  </MULTIPLE>
              </KEY>
              <KEY name="enrolledcourses">
                  <MULTIPLE>
                      <SINGLE>
                          <KEY name="id">
                              <VALUE>int</VALUE>
                          </KEY>
                          <KEY name="fullname">
                              <VALUE>string</VALUE>
                          </KEY>
                          <KEY name="shortname">
                              <VALUE>string</VALUE>
                          </KEY>
                      </SINGLE>
                  </MULTIPLE>
              </KEY>
          </SINGLE>
      </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_enrol_get_enrolled_users_with_capability

For each course and capability specified, return a list of the users that are enrolled in the course and have that capability

Argumentos

coursecapabilities (Obrigatório)

course id and associated capability name

Estrutura geral

```
 //course id and associated capability name
list of (
object {
coursed int    //Course ID number in the Moodle course table
capabilities list of (
string    //Capability name, such as mod/forum:viewdiscussion
)}
)
```

XML-RPC (Estrutura PHP)

```
[coursecapabilities] =>
    Array
        (
        [0] =>
            Array
                (
                [coursed] => int
                [capabilities] =>
                    Array
                        (
                        [0] => string
                        )
                )
        )
```

REST (parâmetros POST)

```
coursecapabilities[0][coursed]= int
coursecapabilities[0][capabilities][0]= string
```

options (Padrão para "Array ( )")

Option names: * groupid (integer) return only users in this group id. Requires 'moodle/site:accessallgroups' . * onlyactive (integer) only users with active enr

Estrutura geral

```
 Padrão para "Array
(
)
" //Option names:
                      * groupid (integer) return only users in this group id. Requires 'moodle/site:accessallgr
                      * onlyactive (integer) only users with active enrolments. Requires 'moodle/course:enrolre
                      * userfields ('string, string, ...') return only the values of these user fields.
                      * limitfrom (integer) sql limit from.
                      * limitnumber (integer) max number of users per course and capability.
list of (
object {
name string    //option name
value string    //option value
}
)
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
```

```
                [0] =>
                    Array
                        (
                            [name] => string
                            [value] => string
                        )
                )
```

REST (parâmetros POST)

```
options[0][name]= string
options[0][value]= string
```

Resposta

Estrutura geral

```
list of (
object {
coursed int    //Course ID number in the Moodle course table
capability string    //Capability name
users    //List of users that are enrolled in the course and have the specified capability
list of (
object {
id int    //ID of the user
username string  Opcional //Username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //Email address
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
description string  Opcional //User profile description
descriptionformat int  Opcional //User profile description format
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Country code of the user, such as AU or CZ
profileimageurlsmall string  Opcional //User image profile URL - small
profileimageurl string  Opcional //User image profile URL - big
customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string    //The type of the custom field
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field
}
)groups  Opcional //user groups
list of (
object {
id int    //group id
name string    //group name
description string    //group description
}
)roles  Opcional //user roles
list of (
object {
roleid int    //role id
name string    //role name
shortname string    //role shortname
sortorder int    //role sortorder
}
)preferences  Opcional //User preferences
list of (
object {
name string    //The name of the preferences
value string    //The value of the custom field
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int    //Id of the course
fullname string    //Fullname of the course
shortname string    //Shortname of the course
}
)}
)}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [courseid] => int
                        [capability] => string
                        [users] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [id] => int
                                                [username] => string
                                                [firstname] => string
                                                [lastname] => string
                                                [fullname] => string
                                                [email] => string
                                                [address] => string
                                                [phone1] => string
                                                [phone2] => string
                                                [icq] => string
                                                [skype] => string
                                                [yahoo] => string
                                                [aim] => string
                                                [msn] => string
                                                [department] => string
                                                [institution] => string
                                                [interests] => string
                                                [firstaccess] => int
                                                [lastaccess] => int
                                                [description] => string
                                                [descriptionformat] => int
                                                [city] => string
                                                [url] => string
                                                [country] => string
```

```
                                    [profileimageurlsmall] => string
                                    [profileimageurl] => string
                                    [customfields] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [type] => string
                                                            [value] => string
                                                            [name] => string
                                                            [shortname] => string
                                                        )
                                            )
                                    [groups] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [id] => int
                                                            [name] => string
                                                            [description] => string
                                                        )
                                            )
                                    [roles] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [roleid] => int
                                                            [name] => string
                                                            [shortname] => string
                                                            [sortorder] => int
                                                        )
                                            )
                                    [preferences] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [name] => string
                                                            [value] => string
                                                        )
                                            )
                                    [enrolledcourses] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [id] => int
                                                            [fullname] => string
                                                            [shortname] => string
                                                        )
                                            )
                                )
                        )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="capability">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="users">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="id">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="username">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="firstname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="lastname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="fullname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="email">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="address">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="phone1">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="phone2">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="icq">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="skype">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="yahoo">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="aim">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="msn">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="department">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="institution">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="interests">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="firstaccess">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="lastaccess">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="description">
```

```xml
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="descriptionformat">
                                        <VALUE>int</VALUE>
                                    </KEY>
                                    <KEY name="city">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="url">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="country">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="profileimageurlsmall">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="profileimageurl">
                                        <VALUE>string</VALUE>
                                    </KEY>
                                    <KEY name="customfields">
                                        <MULTIPLE>
                                            <SINGLE>
                                                <KEY name="type">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="value">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="name">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="shortname">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                    <KEY name="groups">
                                        <MULTIPLE>
                                            <SINGLE>
                                                <KEY name="id">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="name">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="description">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                    <KEY name="roles">
                                        <MULTIPLE>
                                            <SINGLE>
                                                <KEY name="roleid">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="name">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="shortname">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="sortorder">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                    <KEY name="preferences">
                                        <MULTIPLE>
                                            <SINGLE>
                                                <KEY name="name">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="value">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                    <KEY name="enrolledcourses">
                                        <MULTIPLE>
                                            <SINGLE>
                                                <KEY name="id">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="fullname">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                                <KEY name="shortname">
                                                    <VALUE>string</VALUE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                </SINGLE>
                            </MULTIPLE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_enrol_get_users_courses

Get the list of courses where a user is enrolled in

Argumentos

userid (Obrigatório)

user id

Estrutura geral

```
int    //user id
```

XML-RPC (Estrutura PHP)

```
[userid] => int
```

REST (parâmetros POST)

```
userid= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //id of course
shortname string    //short name of course
fullname string    //long name of course
enrolledusercount int    //Number of enrolled users in this course
idnumber string    //id number of course
visible int    //1 means visible, 0 means hidden course
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [shortname] => string
                    [fullname] => string
                    [enrolledusercount] => int
                    [idnumber] => string
                    [visible] => int
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="enrolledusercount">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_files_get_files

browse moodle files

Argumentos

contextid (Obrigatório)

context id Set to -1 to use contextlevel and instanceid.

Estrutura geral

```
int    //context id Set to -1 to use contextlevel and instanceid.
```

XML-RPC (Estrutura PHP)

```
[contextid] => int
```

REST (parâmetros POST)

```
contextid= int
```

component (Obrigatório)
    component

Estrutura geral

string   *//component*

XML-RPC (Estrutura PHP)

[component] => string

REST (parâmetros POST)

component= string

---

filearea (Obrigatório)
    file area

Estrutura geral

string   *//file area*

XML-RPC (Estrutura PHP)

[filearea] => string

REST (parâmetros POST)

filearea= string

---

itemid (Obrigatório)
    associated id

Estrutura geral

int   *//associated id*

XML-RPC (Estrutura PHP)

[itemid] => int

REST (parâmetros POST)

itemid= int

---

filepath (Obrigatório)
    file path

Estrutura geral

string   *//file path*

XML-RPC (Estrutura PHP)

[filepath] => string

REST (parâmetros POST)

filepath= string

---

filename (Obrigatório)
    file name

Estrutura geral

string   *//file name*

XML-RPC (Estrutura PHP)

[filename] => string

REST (parâmetros POST)

filename= string

---

modified (Padrão para "null")
    timestamp to return files changed after this time.

Estrutura geral

int **Padrão para "null"** *//timestamp to return files changed after this time.*

XML-RPC (Estrutura PHP)

[modified] => int

REST (parâmetros POST)

modified= int

---

contextlevel (Padrão para "null")
    The context level for the file location.

Estrutura geral

string **Padrão para "null"** *//The context level for the file location.*

XML-RPC (Estrutura PHP)

[contextlevel] => string

REST (parâmetros POST)

contextlevel= string

---

instanceid (Padrão para "null")

The instance id for where the file is located.

Estrutura geral

int **Padrão para "null"** *//The instance id for where the file is located.*

XML-RPC (Estrutura PHP)

[instanceid] => int

REST (parâmetros POST)

instanceid= int

Resposta

Estrutura geral

```
object {
parents list of (
object {
contextid int component string filearea string itemid int filepath string filename string }
)files list of (
object {
contextid int component string filearea string itemid int filepath string filename string isdir int url string timemo
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [parents] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [contextid] => int
                        [component] => string
                        [filearea] => string
                        [itemid] => int
                        [filepath] => string
                        [filename] => string
                        )

                )
        [files] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [contextid] => int
                        [component] => string
                        [filearea] => string
                        [itemid] => int
                        [filepath] => string
                        [filename] => string
                        [isdir] => int
                        [url] => string
                        [timemodified] => int
                        )

                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="parents">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filearea">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="filepath">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filename">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="files">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filearea">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
```

```
                        <KEY name="filepath">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="filename">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="isdir">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="url">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="timemodified">
                            <VALUE>int</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_files_upload

upload a file to moodle

Argumentos

contextid (Padrão para "null")
  context id

Estrutura geral

int   **Padrão para "null"** *//context id*

XML-RPC (Estrutura PHP)

[contextid] => int

REST (parâmetros POST)

contextid= int

component (Obrigatório)
  component

Estrutura geral

string   *//component*

XML-RPC (Estrutura PHP)

[component] => string

REST (parâmetros POST)

component= string

filearea (Obrigatório)
  file area

Estrutura geral

string   *//file area*

XML-RPC (Estrutura PHP)

[filearea] => string

REST (parâmetros POST)

filearea= string

itemid (Obrigatório)
  associated id

Estrutura geral

int   *//associated id*

XML-RPC (Estrutura PHP)

[itemid] => int

REST (parâmetros POST)

```
itemid= int
```

filepath (Obrigatório)
   file path

Estrutura geral

```
string   //file path
```

XML-RPC (Estrutura PHP)

```
[filepath] => string
```

REST (parâmetros POST)

```
filepath= string
```

filename (Obrigatório)
   file name

Estrutura geral

```
string   //file name
```

XML-RPC (Estrutura PHP)

```
[filename] => string
```

REST (parâmetros POST)

```
filename= string
```

filecontent (Obrigatório)
   file content

Estrutura geral

```
string   //file content
```

XML-RPC (Estrutura PHP)

```
[filecontent] => string
```

REST (parâmetros POST)

```
filecontent= string
```

contextlevel (Padrão para "null")
   The context level to put the file in, (block, course, coursecat, system, user, module)

Estrutura geral

```
string   Padrão para "null" //The context level to put the file in,
                             (block, course, coursecat, system, user, module)
```

XML-RPC (Estrutura PHP)

```
[contextlevel] => string
```

REST (parâmetros POST)

```
contextlevel= string
```

instanceid (Padrão para "null")
   The Instance id of item associated with the context level

Estrutura geral

```
int   Padrão para "null" //The Instance id of item associated
                         with the context level
```

XML-RPC (Estrutura PHP)

```
[instanceid] => int
```

REST (parâmetros POST)

```
instanceid= int
```

Resposta

Estrutura geral

```
object {
contextid int component string filearea string itemid int filepath string filename string url string }
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [contextid] => int
            [component] => string
            [filearea] => string
```

```
            [itemid] => int
            [filepath] => string
            [filename] => string
            [url] => string
            )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="contextid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="component">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="filearea">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="itemid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="filepath">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="filename">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="url">
            <VALUE>string</VALUE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_get_component_strings

Return all raw strings (with {$a->xxx}) for a specific component - similar to core get_component_strings() call

Argumentos

component (Obrigatório)
> component

Estrutura geral

```
string    //component
```

XML-RPC (Estrutura PHP)

```
[component] => string
```

REST (parâmetros POST)

```
component= string
```

lang (Padrão para "null")
> lang

Estrutura geral

```
string   Padrão para "null" //lang
```

XML-RPC (Estrutura PHP)

```
[lang] => string
```

REST (parâmetros POST)

```
lang= string
```

Resposta

Estrutura geral

```
list of (
object {
stringid string    //string id
string string    //translated string
}
)
```

```
XML-RPC (Estrutura PHP)


    Array
        (
        [0] =>
            Array
                (
                    [stringid] => string
                    [string] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="stringid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="string">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_get_string

Return a translated string - similar to core get_string() call

Argumentos
stringid (Obrigatório)
    string identifier

Estrutura geral

```
string   //string identifier
```

XML-RPC (Estrutura PHP)

```
[stringid] => string
```

REST (parâmetros POST)

```
stringid= string
```

component (Padrão para "moodle")
    component

Estrutura geral

```
string  Padrão para "moodle" //component
```

XML-RPC (Estrutura PHP)

```
[component] => string
```

REST (parâmetros POST)

```
component= string
```

lang (Padrão para "null")
    lang

Estrutura geral

```
string  Padrão para "null" //lang
```

XML-RPC (Estrutura PHP)

```
[lang] => string
```

REST (parâmetros POST)

```
lang= string
```

stringparams (Padrão para "Array ( )")
    the definition of a string param (i.e. {$a->name})

Estrutura geral

```
 Padrão para "Array
(
)
" //the definition of a string param (i.e. {$a->name})
```

```
list of (
object {
name string  Opcional //param name
                      - if the string expect only one $a parameter then don't send this field, just send the va
value string    //param value
}
)
```

XML-RPC (Estrutura PHP)

```
[stringparams] =>
    Array
        (
        [0] =>
            Array
                (
                [name] => string
                [value] => string
                )
        )
```

REST (parâmetros POST)

```
stringparams[0][name]= string
stringparams[0][value]= string
```

Resposta

translated string

Estrutura geral

```
string   //translated string
```

XML-RPC (Estrutura PHP)

```
 string
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <VALUE>string</VALUE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_get_strings

Return some translated strings - like several core get_string() calls

Argumentos

strings (Obrigatório)

Estrutura geral

```
list of (
object {
stringid string   //string identifier
component string  Padrão para "moodle" //component
lang string  Padrão para "null" //lang
stringparams  Padrão para "Array
(
)
" //the definition of a string param (i.e. {$a->name})
list of (
object {
name string  Opcional //param name
                       - if the string expect only one $a parameter then don't sen
value string    //param value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[strings] =>
    Array
        (
        [0] =>
            Array
                (
                [stringid] => string
                [component] => string
                [lang] => string
                [stringparams] =>
                    Array
                        (
                        [0] =>
                            Array
                                (
                                [name] => string
                                [value] => string
                                )
                        )
                )
        )
```

REST (parâmetros POST)

```
strings[0][stringid]= string
strings[0][component]= string
strings[0][lang]= string
strings[0][stringparams][0][name]= string
strings[0][stringparams][0][value]= string
```

Resposta

Estrutura geral

```
list of (
object {
stringid string    //string id
component string    //string component
lang string    //lang
string string    //translated string
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [stringid] => string
                [component] => string
                [lang] => string
                [string] => string
                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="stringid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="component">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lang">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="string">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_grade_get_definitions

DEPRECATED: this deprecated function will be removed in a future version. This function has been renamed as core_grading_

Argumentos

cmids (Obrigatório)

1 or more course module ids

Estrutura geral

```
    //1 or more course module ids
list of (
int    //course module id
)
```

XML-RPC (Estrutura PHP)

```
[cmids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
cmids[0]= int
```

areaname (Obrigatório)

area name

Estrutura geral

```
string    //area name
```

XML-RPC (Estrutura PHP)

```
[areaname] => string
```

REST (parâmetros POST)

```
areaname= string
```

activeonly (Padrão para "0")
> Only the active method

Estrutura geral

```
int  Padrão para "0" //Only the active method
```

XML-RPC (Estrutura PHP)

```
[activeonly] => int
```

REST (parâmetros POST)

```
activeonly= int
```

Resposta

Estrutura geral

```
object {
areas   //list of grading areas
list of (
object {
cmid int   //course module id
contextid int   //context id
component string   //component name
activemethod string  Opcional //active method
definitions   //definitions
list of (
object {
id int   //definition id
method string   //method
name string   //name
description string   //description
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
status int   //status
copiedfromid int  Opcional //copied from id
timecreated int   //creation time
usercreated int   //user who created definition
timemodified int   //last modified time
usermodified int   //user who modified definition
timecopied int  Opcional //time copied
guide  Opcional //items
object {
guide_criteria list of (
object {
id int   //criterion id
sortorder int   //sortorder
description string  Opcional //description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
shortname string   //description
descriptionmarkers string  Opcional //markers description
descriptionmarkersformat int  Opcional //descriptionmarkers format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
maxscore double   //maximum score
}
)guide_comment  Opcional //comments
list of (
object {
id int   //criterion id
sortorder int   //sortorder
description string  Opcional //description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
rubric  Opcional //items
object {
rubric_criteria  Opcional //definition details
list of (
object {
id int   //criterion id
sortorder int   //sortorder
description string  Opcional //description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
levels  Opcional //levels
list of (
object {
id int   //level id
score double   //score
definition string  Opcional //definition
definitionformat int  Opcional //definition format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
)}
}
)}
)warnings  Opcional //list of warnings
list of (
 //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [areas] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [cmid] => int
                        [contextid] => int
                        [component] => string
                        [activemethod] => string
                        [definitions] =>
                            Array
                                (
```

```
                                    [0] =>
                                        Array
                                            (
                                                [id] => int
                                                [method] => string
                                                [name] => string
                                                [description] => string
                                                [descriptionformat] => int
                                                [status] => int
                                                [copiedfromid] => int
                                                [timecreated] => int
                                                [usercreated] => int
                                                [timemodified] => int
                                                [usermodified] => int
                                                [timecopied] => int
                                                [guide] =>
                                                    Array
                                                        (
                                                            [guide_criteria] =>
                                                                Array
                                                                    (
                                                                        [0] =>
                                                                            Array
                                                                                (
                                                                                    [id] => int
                                                                                    [sortorder] => int
                                                                                    [description] => string
                                                                                    [descriptionformat] => int
                                                                                    [shortname] => string
                                                                                    [descriptionmarkers] => string
                                                                                    [descriptionmarkersformat] => int
                                                                                    [maxscore] => double
                                                                                )

                                                                    )
                                                            [guide_comment] =>
                                                                Array
                                                                    (
                                                                        [0] =>
                                                                            Array
                                                                                (
                                                                                    [id] => int
                                                                                    [sortorder] => int
                                                                                    [description] => string
                                                                                    [descriptionformat] => int
                                                                                )

                                                                    )
                                                        )
                                                [rubric] =>
                                                    Array
                                                        (
                                                            [rubric_criteria] =>
                                                                Array
                                                                    (
                                                                        [0] =>
                                                                            Array
                                                                                (
                                                                                    [id] => int
                                                                                    [sortorder] => int
                                                                                    [description] => string
                                                                                    [descriptionformat] => int
                                                                                    [levels] =>
                                                                                        Array
                                                                                            (
                                                                                                [0] =>
                                                                                                    Array
                                                                                                        (
                                                                                                            [id] => int
                                                                                                            [score] => double
                                                                                                            [definition] => string
                                                                                                            [definitionformat] => int
                                                                                                        )

                                                                                            )
                                                                                )

                                                                    )
                                                        )
                                            )

            [warnings] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )

                    )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="areas">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="cmid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="activemethod">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="definitions">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="method">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="description">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="descriptionformat">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="status">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="copiedfromid">
                                    <VALUE>int</VALUE>
```

```xml
                                                </KEY>
                                                <KEY name="timecreated">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="usercreated">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="timemodified">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="usermodified">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="timecopied">
                                                    <VALUE>int</VALUE>
                                                </KEY>
                                                <KEY name="guide">
                                                    <SINGLE>
                                                        <KEY name="guide_criteria">
                                                            <MULTIPLE>
                                                                <SINGLE>
                                                                    <KEY name="id">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="sortorder">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="description">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                    <KEY name="descriptionformat">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="shortname">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                    <KEY name="descriptionmarkers">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                    <KEY name="descriptionmarkersformat">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="maxscore">
                                                                        <VALUE>double</VALUE>
                                                                    </KEY>
                                                                </SINGLE>
                                                            </MULTIPLE>
                                                        </KEY>
                                                        <KEY name="guide_comment">
                                                            <MULTIPLE>
                                                                <SINGLE>
                                                                    <KEY name="id">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="sortorder">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="description">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                    <KEY name="descriptionformat">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                </SINGLE>
                                                            </MULTIPLE>
                                                        </KEY>
                                                    </SINGLE>
                                                </KEY>
                                                <KEY name="rubric">
                                                    <SINGLE>
                                                        <KEY name="rubric_criteria">
                                                            <MULTIPLE>
                                                                <SINGLE>
                                                                    <KEY name="id">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="sortorder">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="description">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                    <KEY name="descriptionformat">
                                                                        <VALUE>int</VALUE>
                                                                    </KEY>
                                                                    <KEY name="levels">
                                                                        <MULTIPLE>
                                                                            <SINGLE>
                                                                                <KEY name="id">
                                                                                    <VALUE>int</VALUE>
                                                                                </KEY>
                                                                                <KEY name="score">
                                                                                    <VALUE>double</VALUE>
                                                                                </KEY>
                                                                                <KEY name="definition">
                                                                                    <VALUE>string</VALUE>
                                                                                </KEY>
                                                                                <KEY name="definitionformat">
                                                                                    <VALUE>int</VALUE>
                                                                                </KEY>
                                                                            </SINGLE>
                                                                        </MULTIPLE>
                                                                    </KEY>
                                                                </SINGLE>
                                                            </MULTIPLE>
                                                        </KEY>
                                                    </SINGLE>
                                                </KEY>
                                            </SINGLE>
                                        </MULTIPLE>
                                    </KEY>
                                </SINGLE>
                            </MULTIPLE>
                        </KEY>
                    </SINGLE>
                </KEY>
                <KEY name="warnings">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="item">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="itemid">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="warningcode">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="message">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
            </SINGLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_grading_get_definitions

Get grading definitions

Argumentos

cmids (Obrigatório)

   1 or more course module ids

Estrutura geral

```
 //1 or more course module ids
list of (
int   //course module id
)
```

XML-RPC (Estrutura PHP)

```
[cmids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
cmids[0]= int
```

areaname (Obrigatório)

   area name

Estrutura geral

```
string   //area name
```

XML-RPC (Estrutura PHP)

```
[areaname] => string
```

REST (parâmetros POST)

```
areaname= string
```

activeonly (Padrão para "0")

   Only the active method

Estrutura geral

```
int   Padrão para "0" //Only the active method
```

XML-RPC (Estrutura PHP)

```
[activeonly] => int
```

REST (parâmetros POST)

```
activeonly= int
```

Resposta

Estrutura geral

```
object {
areas   //list of grading areas
list of (
object {
cmid int   //course module id
contextid int   //context id
component string   //component name
activemethod string  Opcional //active method
definitions   //definitions
list of (
object {
id int   //definition id
method string   //method
name string   //name
description string   //description
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
status int   //status
copiedfromid int  Opcional //copied from id
timecreated int   //creation time
usercreated int   //user who created definition
timemodified int   //last modified time
usermodified int   //user who modified definition
timecopied int  Opcional //time copied
guide  Opcional //items
object {
guide_criteria list of (
object {
id int   //criterion id
sortorder int   //sortorder
description string  Opcional //description
```

```
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
shortname string    //description
descriptionmarkers string  Opcional //markers description
descriptionmarkersformat int  Opcional //descriptionmarkers format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
maxscore double    //maximum score
}
)guide_comment  Opcional //comments
list of (
object {
id int    //criterion id
sortorder int    //sortorder
description string  Opcional //description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
rubric  Opcional //items
object {
rubric_criteria  Opcional //definition details
list of (
object {
id int    //criterion id
sortorder int    //sortorder
description string  Opcional //description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
levels  Opcional //levels
list of (
object {
id int    //level id
score double    //score
definition string  Opcional //definition
definitionformat int  Opcional //definition format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
)}
}
)}
)warnings  Opcional //list of warnings
list of (
    //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string    //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [areas] =>
            Array
                (
                    [0] =>
                        Array
                            (
                                [cmid] => int
                                [contextid] => int
                                [component] => string
                                [activemethod] => string
                                [definitions] =>
                                    Array
                                        (
                                            [0] =>
                                                Array
                                                    (
                                                        [id] => int
                                                        [method] => string
                                                        [name] => string
                                                        [description] => string
                                                        [descriptionformat] => int
                                                        [status] => int
                                                        [copiedfromid] => int
                                                        [timecreated] => int
                                                        [usercreated] => int
                                                        [timemodified] => int
                                                        [usermodified] => int
                                                        [timecopied] => int
                                                        [guide] =>
                                                            Array
                                                                (
                                                                    [guide_criteria] =>
                                                                        Array
                                                                            (
                                                                                [0] =>
                                                                                    Array
                                                                                        (
                                                                                            [id] => int
                                                                                            [sortorder] => int
                                                                                            [description] => string
                                                                                            [descriptionformat] => int
                                                                                            [shortname] => string
                                                                                            [descriptionmarkers] => string
                                                                                            [descriptionmarkersformat] => int
                                                                                            [maxscore] => double
                                                                                        )
                                                                            )
                                                                    [guide_comment] =>
                                                                        Array
                                                                            (
                                                                                [0] =>
                                                                                    Array
                                                                                        (
                                                                                            [id] => int
                                                                                            [sortorder] => int
                                                                                            [description] => string
                                                                                            [descriptionformat] => int
                                                                                        )
                                                                            )
                                                                )
                                                        [rubric] =>
                                                            Array
                                                                (
                                                                    [rubric_criteria] =>
                                                                        Array
                                                                            (
                                                                                [0] =>
                                                                                    Array
                                                                                        (
                                                                                            [id] => int
                                                                                            [sortorder] => int
                                                                                            [description] => string
                                                                                            [descriptionformat] => int
                                                                                            [levels] =>
                                                                                                Array
                                                                                                    (
                                                                                                        [0] =>
                                                                                                            Array
                                                                                                                (
                                                                                                                    [id] => int
                                                                                                                    [score] => double
                                                                                                                    [definition] => string
                                                                                                                    [definitionformat] => int
```

```
                                                                                        )
                                                                            )
                                                                )
                                                    )
                                        )
                            )
                )
        [warnings] =>
            Array
                (
                    [0] =>
                        Array
                            (
                                [item] => string
                                [itemid] => int
                                [warningcode] => string
                                [message] => string
                            )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="areas">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="cmid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="activemethod">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="definitions">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="method">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="description">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="descriptionformat">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="status">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="copiedfromid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timecreated">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="usercreated">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timemodified">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="usermodified">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timecopied">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="guide">
                                    <SINGLE>
                                        <KEY name="guide_criteria">
                                            <MULTIPLE>
                                                <SINGLE>
                                                    <KEY name="id">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="sortorder">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="description">
                                                        <VALUE>string</VALUE>
                                                    </KEY>
                                                    <KEY name="descriptionformat">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="shortname">
                                                        <VALUE>string</VALUE>
                                                    </KEY>
                                                    <KEY name="descriptionmarkers">
                                                        <VALUE>string</VALUE>
                                                    </KEY>
                                                    <KEY name="descriptionmarkersformat">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="maxscore">
                                                        <VALUE>double</VALUE>
                                                    </KEY>
                                                </SINGLE>
                                            </MULTIPLE>
                                        </KEY>
                                        <KEY name="guide_comment">
                                            <MULTIPLE>
                                                <SINGLE>
                                                    <KEY name="id">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="sortorder">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="description">
                                                        <VALUE>string</VALUE>
                                                    </KEY>
                                                    <KEY name="descriptionformat">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                </SINGLE>
                                            </MULTIPLE>
                                        </KEY>
                                    </SINGLE>
                                </KEY>
                                <KEY name="rubric">
                                    <SINGLE>
```

```
                                        <KEY name="rubric_criteria">
                                            <MULTIPLE>
                                                <SINGLE>
                                                    <KEY name="id">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="sortorder">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="description">
                                                        <VALUE>string</VALUE>
                                                    </KEY>
                                                    <KEY name="descriptionformat">
                                                        <VALUE>int</VALUE>
                                                    </KEY>
                                                    <KEY name="levels">
                                                        <MULTIPLE>
                                                            <SINGLE>
                                                                <KEY name="id">
                                                                    <VALUE>int</VALUE>
                                                                </KEY>
                                                                <KEY name="score">
                                                                    <VALUE>double</VALUE>
                                                                </KEY>
                                                                <KEY name="definition">
                                                                    <VALUE>string</VALUE>
                                                                </KEY>
                                                                <KEY name="definitionformat">
                                                                    <VALUE>int</VALUE>
                                                                </KEY>
                                                            </SINGLE>
                                                        </MULTIPLE>
                                                    </KEY>
                                                </SINGLE>
                                            </MULTIPLE>
                                        </KEY>
                                    </SINGLE>
                                </MULTIPLE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
                <KEY name="warnings">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="item">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="itemid">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="warningcode">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="message">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
            </SINGLE>
        </RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_grading_get_gradingform_instances

Get grading form instances

Argumentos
definitionid (Obrigatório)
    definition id

Estrutura geral

int   *//definition id*

XML-RPC (Estrutura PHP)

[definitionid] => int

REST (parâmetros POST)

definitionid= int

since (Padrão para "0")
    submitted since

Estrutura geral

int   **Padrão para "0"** *//submitted since*

XML-RPC (Estrutura PHP)

[since] => int

REST (parâmetros POST)

since= int

Estrutura geral

```
object {
instances    //list of grading instances
list of (
object {
id int   //instance id
raterid int   //rater id
itemid int   //item id
rawgrade string  Opcional //raw grade
status int   //status
feedback string  Opcional //feedback
feedbackformat int  Opcional //feedback format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
timemodified int   //modified time
guide  Opcional //items
object {
criteria  Opcional //filling
list of (
object {
id int   //filling id
criterionid int    //criterion id
levelid int  Opcional //level id
remark string  Opcional //remark
remarkformat int  Opcional //remark format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
score double   //maximum score
}
)}
rubric  Opcional //items
object {
criteria  Opcional //filling
list of (
object {
id int   //filling id
criterionid int    //criterion id
levelid int  Opcional //level id
remark string  Opcional //remark
remarkformat int  Opcional //remark format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
}
)warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [instances] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [id] => int
                                    [raterid] => int
                                    [itemid] => int
                                    [rawgrade] => string
                                    [status] => int
                                    [feedback] => string
                                    [feedbackformat] => int
                                    [timemodified] => int
                                    [guide] =>
                                        Array
                                            (
                                                [criteria] =>
                                                    Array
                                                        (
                                                            [0] =>
                                                                Array
                                                                    (
                                                                        [id] => int
                                                                        [criterionid] => int
                                                                        [levelid] => int
                                                                        [remark] => string
                                                                        [remarkformat] => int
                                                                        [score] => double
                                                                    )
                                                        )
                                            )
                                    [rubric] =>
                                        Array
                                            (
                                                [criteria] =>
                                                    Array
                                                        (
                                                            [0] =>
                                                                Array
                                                                    (
                                                                        [id] => int
                                                                        [criterionid] => int
                                                                        [levelid] => int
                                                                        [remark] => string
                                                                        [remarkformat] => int
                                                                    )
                                                        )
                                            )
                                )
                    )
            [warnings] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="instances">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="raterid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="rawgrade">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="status">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="feedback">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="feedbackformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="timemodified">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="guide">
                        <SINGLE>
                            <KEY name="criteria">
                                <MULTIPLE>
                                    <SINGLE>
                                        <KEY name="id">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="criterionid">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="levelid">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="remark">
                                            <VALUE>string</VALUE>
                                        </KEY>
                                        <KEY name="remarkformat">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="score">
                                            <VALUE>double</VALUE>
                                        </KEY>
                                    </SINGLE>
                                </MULTIPLE>
                            </KEY>
                        </SINGLE>
                    </KEY>
                    <KEY name="rubric">
                        <SINGLE>
                            <KEY name="criteria">
                                <MULTIPLE>
                                    <SINGLE>
                                        <KEY name="id">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="criterionid">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="levelid">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                        <KEY name="remark">
                                            <VALUE>string</VALUE>
                                        </KEY>
                                        <KEY name="remarkformat">
                                            <VALUE>int</VALUE>
                                        </KEY>
                                    </SINGLE>
                                </MULTIPLE>
                            </KEY>
                        </SINGLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_add_group_members

Adds group members.

Argumentos

members (Obrigatório)

```
Estrutura geral

list of (
object {
groupid int   //group record id
userid int   //user id
}
)
```

```
XML-RPC (Estrutura PHP)

[members] =>
    Array
        (
        [0] =>
            Array
                (
                [groupid] => int
                [userid] => int
                )
        )
```

```
REST (parâmetros POST)

members[0][groupid]= int
members[0][userid]= int
```

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_assign_grouping

Assing groups from groupings

Argumentos
assignments (Obrigatório)

```
Estrutura geral

list of (
object {
groupingid int   //grouping record id
groupid int   //group record id
}
)
```

```
XML-RPC (Estrutura PHP)

[assignments] =>
    Array
        (
        [0] =>
            Array
                (
                [groupingid] => int
                [groupid] => int
                )
        )
```

```
REST (parâmetros POST)

assignments[0][groupingid]= int
assignments[0][groupid]= int
```

Resposta

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_create_groupings

Creates new groupings

Argumentos

groupings (Obrigatório)

List of grouping object. A grouping has a courseid, a name and a description.

Estrutura geral

```
//List of grouping object. A grouping has a courseid, a name and a description.
list of (
object {
courseid int   //id of course
name string   //multilang compatible name, course unique
description string   //grouping description text
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
[groupings] =>
    Array
        (
        [0] =>
            Array
                (
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                )
        )
```

REST (parâmetros POST)

```
groupings[0][courseid]= int
groupings[0][name]= string
groupings[0][description]= string
groupings[0][descriptionformat]= int
```

Resposta

List of grouping object. A grouping has an id, a courseid, a name and a description.

Estrutura geral

```
//List of grouping object. A grouping has an id, a courseid, a name and a description.
list of (
object {
id int   //grouping record id
courseid int   //id of course
name string   //multilang compatible name, course unique
description string   //grouping description text
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_group_create_groups

Creates new groups.

Argumentos

groups (Obrigatório)

List of group object. A group has a courseid, a name, a description and an enrolment key.

Estrutura geral

```
//List of group object. A group has a courseid, a name, a description and an enrolment key.
list of (
object {
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string  Opcional //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
[groups] =>
    Array
        (
        [0] =>
            Array
                (
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                [enrolmentkey] => string
                )
        )
```

REST (parâmetros POST)

```
groups[0][courseid]= int
groups[0][name]= string
groups[0][description]= string
groups[0][descriptionformat]= int
groups[0][enrolmentkey]= string
```

Resposta

List of group object. A group has an id, a courseid, a name, a description and an enrolment key.

Estrutura geral

```
//List of group object. A group has an id, a courseid, a name, a description and an enrolment key.
list of (
object {
id int    //group record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string    //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                [enrolmentkey] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_group_delete_groupings

Deletes all specified groupings.

groupingids (Obrigatório)

```
Estrutura geral

list of (
int   //grouping ID
)
```

```
XML-RPC (Estrutura PHP)

[groupingids] =>
    Array
        (
        [0] => int
        )
```

```
REST (parâmetros POST)

groupingids[0]= int
```

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_delete_group_members

Deletes group members.

members (Obrigatório)

```
Estrutura geral

list of (
object {
groupid int   //group record id
userid int   //user id
}
)
```

```
XML-RPC (Estrutura PHP)

[members] =>
    Array
        (
        [0] =>
            Array
                (
                [groupid] => int
                [userid] => int
                )
        )
```

```
REST (parâmetros POST)

members[0][groupid]= int
members[0][userid]= int
```

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_delete_groups

Deletes all specified groups.

groupids (Obrigatório)

Estrutura geral

```
list of (
int    //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_get_course_groupings

Returns all groupings in specified course.

Argumentos
courseid (Obrigatório)
    id of course

Estrutura geral

```
int   //id of course
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

Resposta
Estrutura geral

```
list of (
object {
id int   //grouping record id
courseid int   //id of course
name string   //multilang compatible name, course unique
description string   //grouping description text
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [courseid] => int
                        [name] => string
                        [description] => string
                        [descriptionformat] => int
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
```

```
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_get_course_groups

Returns all groups in specified course.

Argumentos

courseid (Obrigatório)
    id of course

Estrutura geral

int   *//id of course*

XML-RPC (Estrutura PHP)

[courseid] => int

REST (parâmetros POST)

courseid= int

Resposta

Estrutura geral

```
list of (
object {
id int    //group record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string    //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [courseid] => int
                    [name] => string
                    [description] => string
                    [descriptionformat] => int
                    [enrolmentkey] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
```

```
</EXCEPTION>
```

core_group_get_groupings

Returns groupings details.

groupingids (Obrigatório)
     List of grouping id. A grouping id is an integer.

Estrutura geral

```
//List of grouping id. A grouping id is an integer.
list of (
int    //grouping ID
)
```

XML-RPC (Estrutura PHP)

```
[groupingids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
groupingids[0]= int
```

returngroups (Padrão para "0")
     return associated groups

Estrutura geral

```
int   Padrão para "0" //return associated groups
```

XML-RPC (Estrutura PHP)

```
[returngroups] => int
```

REST (parâmetros POST)

```
returngroups= int
```

Estrutura geral

```
list of (
object {
id int    //grouping record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //grouping description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
groups   Opcional //optional groups
list of (
object {
id int    //group record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string    //group enrol secret phrase
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                [groups] =>
                    Array
                        (
                        [0] =>
                            Array
                                (
                                [id] => int
                                [courseid] => int
                                [name] => string
                                [description] => string
                                [descriptionformat] => int
                                [enrolmentkey] => string
                                )
                        )
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
```

```
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="description">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="descriptionformat">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="groups">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="id">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="courseid">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="description">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="descriptionformat">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="enrolmentkey">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_get_group_members

Returns group members.

Argumentos
groupids (Obrigatório)

Estrutura geral

```
list of (
int    //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Resposta

Estrutura geral

```
list of (
object {
groupid int    //group record id
userids list of (
int    //user id
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [groupid] => int
                [userids] =>
                    Array
                        (
                        [0] => int
                        )
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="groupid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="userids">
```

```
            <MULTIPLE>
                <VALUE>int</VALUE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_get_groups

Returns group details.

Argumentos

groupids (Obrigatório)

List of group id. A group id is an integer.

Estrutura geral

```
//List of group id. A group id is an integer.
list of (
int   //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int   //group record id
courseid int   //id of course
name string   //multilang compatible name, course unique
description string   //group description text
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string   //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [courseid] => int
                        [name] => string
                        [description] => string
                        [descriptionformat] => int
                        [enrolmentkey] => string
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_unassign_grouping

Unassing groups from groupings

Argumentos

unassignments (Obrigatório)

Estrutura geral

```
list of (
object {
groupingid int    //grouping record id
groupid int    //group record id
}
)
```

XML-RPC (Estrutura PHP)

```
[unassignments] =>
    Array
        (
        [0] =>
            Array
                (
                [groupingid] => int
                [groupid] => int
                )
        )
```

REST (parâmetros POST)

```
unassignments[0][groupingid]= int
unassignments[0][groupid]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_group_update_groupings

Updates existing groupings

Argumentos

groupings (Obrigatório)

   List of grouping object. A grouping has a courseid, a name and a description.

Estrutura geral

```
 //List of grouping object. A grouping has a courseid, a name and a description.
list of (
object {
id int    //id of grouping
name string    //multilang compatible name, course unique
description string    //grouping description text
descriptionformat int   Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
[groupings] =>
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                )
        )
```

REST (parâmetros POST)

```
groupings[0][id]= int
groupings[0][name]= string
groupings[0][description]= string
groupings[0][descriptionformat]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_block_contacts

Block contacts

Argumentos

userids (Obrigatório)

> List of user IDs

Estrutura geral

```
 //List of user IDs
list of (
int    //User ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

list of warnings

Estrutura geral

```
 Opcional //list of warnings
list of (
 //warning
object {
item string   Opcional //item
itemid int  Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [item] => string
                [itemid] => int
                [warningcode] => string
                [message] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="item">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="itemid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="warningcode">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="message">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_create_contacts

Add contacts to the contact list

userids (Obrigatório)
    List of user IDs

Estrutura geral

```
  //List of user IDs
list of (
int    //User ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

list of warnings

Estrutura geral

```
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [item] => string
                [itemid] => int
                [warningcode] => string
                [message] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="item">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="itemid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="warningcode">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="message">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_delete_contacts

Remove contacts from the contact list

Argumentos
userids (Obrigatório)
    List of user IDs

Estrutura geral

```
    //List of user IDs
list of (
int    //User ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_get_contacts

Retrieve the contact list

Estrutura geral

```
object {
online    //List of online contacts
list of (
object {
id int    //User ID
fullname string    //User full name
profileimageurl string    Opcional //User picture URL
profileimageurlsmall string    Opcional //Small user picture URL
unread int    //Unread message count
}
)offline    //List of offline contacts
list of (
object {
id int    //User ID
fullname string    //User full name
profileimageurl string    Opcional //User picture URL
profileimageurlsmall string    Opcional //Small user picture URL
unread int    //Unread message count
}
)strangers    //List of users that are not in the user's contact list but have sent a message
list of (
object {
id int    //User ID
fullname string    //User full name
profileimageurl string    Opcional //User picture URL
profileimageurlsmall string    Opcional //Small user picture URL
unread int    //Unread message count
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [online] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [id] => int
                                    [fullname] => string
                                    [profileimageurl] => string
                                    [profileimageurlsmall] => string
                                    [unread] => int
                                )
                    )
            [offline] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [id] => int
                                    [fullname] => string
                                    [profileimageurl] => string
                                    [profileimageurlsmall] => string
                                    [unread] => int
                                )
                    )
            [strangers] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [id] => int
                                    [fullname] => string
                                    [profileimageurl] => string
                                    [profileimageurlsmall] => string
                                    [unread] => int
                                )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="online">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="fullname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="unread">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="offline">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="fullname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="unread">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="strangers">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="fullname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="unread">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_search_contacts

Search for contacts

Argumentos

searchtext (Obrigatório)
   String the user's fullname has to match to be found

Estrutura geral

```
string   //String the user's fullname has to match to be found
```

XML-RPC (Estrutura PHP)

```
[searchtext] => string
```

REST (parâmetros POST)

```
searchtext= string
```

onlymycourses (Padrão para "")
   Limit search to the user's courses

Estrutura geral

```
int  Padrão para "" //Limit search to the user's courses
```

XML-RPC (Estrutura PHP)

```
[onlymycourses] => int
```

REST (parâmetros POST)

```
onlymycourses= int
```

Resposta

List of contacts

Estrutura geral

```
 //List of contacts
list of (
object {
id int   //User ID
fullname string   //User full name
profileimageurl string  Opcional //User picture URL
profileimageurlsmall string  Opcional //Small user picture URL
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [fullname] => string
                    [profileimageurl] => string
                    [profileimageurlsmall] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurlsmall">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_message_send_instant_messages

Send instant messages

Argumentos

messages (Obrigatório)

Estrutura geral

```
list of (
object {
touserid int   //id of the user to send the private message
text string   //the text of the message
textformat int  Padrão para "1" //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
clientmsgid string  Opcional //your own client id for the message. If this id is provided, the fail message id will b
}
)
```

XML-RPC (Estrutura PHP)

```
[messages] =>
    Array
        (
        [0] =>
            Array
                (
                    [touserid] => int
                    [text] => string
                    [textformat] => int
                    [clientmsgid] => string
                )
        )
```

REST (parâmetros POST)

```
messages[0][touserid]= int
```

```
messages[0][text]= string
messages[0][textformat]= int
messages[0][clientmsgid]= string
```

Estrutura geral

```
list of (
object {
msgid int    //test this to know if it succeeds:  id of the created message if it succeeded, -1 when failed
clientmsgid string  Opcional //your own id for the message
errormessage string  Opcional //error message - if it failed
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [msgid] => int
                [clientmsgid] => string
                [errormessage] => string
                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="msgid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="clientmsgid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="errormessage">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_message_unblock_contacts

Unblock contacts

Argumentos

userids (Obrigatório)
   List of user IDs

Estrutura geral

```
 //List of user IDs
list of (
int   //User ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_notes_create_notes

Create notes

notes (Obrigatório)

```
Estrutura geral

list of (
object {
userid int    //id of the user the note is about
publishstate string   //'personal', 'course' or 'site'
courseid int    //course id of the note (in Moodle a note can only be created into a course, even for site and persona
text string    //the text of the message - text or HTML
format int   Padrão para "1" //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
clientnoteid string   Opcional //your own client id for the note. If this id is provided, the fail message id will be
}
)
```

```
XML-RPC (Estrutura PHP)

[notes] =>
    Array
        (
        [0] =>
            Array
                (
                [userid] => int
                [publishstate] => string
                [courseid] => int
                [text] => string
                [format] => int
                [clientnoteid] => string
                )
        )
```

```
REST (parâmetros POST)

notes[0][userid]= int
notes[0][publishstate]= string
notes[0][courseid]= int
notes[0][text]= string
notes[0][format]= int
notes[0][clientnoteid]= string
```

Resposta

```
Estrutura geral

list of (
object {
clientnoteid string   Opcional //your own id for the note
noteid int    //test this to know if it success: id of the created note when successed, -1 when failed
errormessage string   Opcional //error message - if failed
}
)
```

```
XML-RPC (Estrutura PHP)

    Array
        (
        [0] =>
            Array
                (
                [clientnoteid] => string
                [noteid] => int
                [errormessage] => string
                )
        )
```

```
REST

<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="clientnoteid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="noteid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="errormessage">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_notes_delete_notes

Delete notes

notes (Obrigatório)

Array of Note Ids to be deleted.

Estrutura geral

```
   //Array of Note Ids to be deleted.
list of (
int   //ID of the note to be deleted
)
```

XML-RPC (Estrutura PHP)

```
[notes] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
notes[0]= int
```

Resposta

list of warnings

Estrutura geral

```
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item is always 'note'
itemid int  Opcional //When errorcode is savedfailed the note could not be modified.When errorcode is badparam, an in
warningcode string   //errorcode can be badparam (incorrect parameter), savedfailed (could not be modified), or badic
message string   //untranslated english message to explain the warning
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [item] => string
                [itemid] => int
                [warningcode] => string
                [message] => string
                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="item">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="itemid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="warningcode">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="message">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

core_notes_get_notes

Get notes

Argumentos

notes (Obrigatório)

Array of Note Ids to be retrieved.

Estrutura geral

```
   //Array of Note Ids to be retrieved.
list of (
int   //ID of the note to be retrieved
)
```

XML-RPC (Estrutura PHP)

```
[notes] =>
    Array
```

```
            (
            [0] => int
            )
```

REST (parâmetros POST)

```
notes[0]= int
```

Resposta

Estrutura geral

```
object {
notes list of (
  //note
object {
noteid int  Opcional //id of the note
userid int  Opcional //id of the user the note is about
publishstate string  Opcional //'personal', 'course' or 'site'
courseid int  Opcional //course id of the note
text string  Opcional //the text of the message - text or HTML
format int  Opcional //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item is always 'note'
itemid int  Opcional //When errorcode is savedfailed the note could not be modified.When errorcode is badparam, an in
warningcode string   //errorcode can be badparam (incorrect parameter), savedfailed (could not be modified), or badic
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [notes] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [noteid] => int
                        [userid] => int
                        [publishstate] => string
                        [courseid] => int
                        [text] => string
                        [format] => int
                        )

                )
        [warnings] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="notes">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="noteid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="userid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="publishstate">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="courseid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="text">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="format">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
```

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```
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_notes_update_notes

Update notes

notes (Padrão para "Array ( ) ")

    Array of Notes

Estrutura geral

```
 Padrão para "Array
(
)
" //Array of Notes
list of (
object {
id int    //id of the note
publishstate string   //'personal', 'course' or 'site'
text string   //the text of the message - text or HTML
format int  Padrão para "1" //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)
```

XML-RPC (Estrutura PHP)

```
[notes] =>
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [publishstate] => string
                [text] => string
                [format] => int
                )
        )
```

REST (parâmetros POST)

```
notes[0][id]= int
notes[0][publishstate]= string
notes[0][text]= string
notes[0][format]= int
```

Resposta

list of warnings

Estrutura geral

```
 Opcional //list of warnings
list of (
 //warning
object {
item string  Opcional //item is always 'note'
itemid int  Opcional //When errorcode is savedfailed the note could not be modified.When errorcode is badparam, an in
warningcode string   //errorcode can be badparam (incorrect parameter), savedfailed (could not be modified), or badic
message string   //untranslated english message to explain the warning
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [item] => string
                [itemid] => int
                [warningcode] => string
                [message] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="item">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="itemid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="warningcode">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="message">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
```

```
        <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
        <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_role_assign_roles

Manual role assignments.

assignments (Obrigatório)

```
Estrutura geral

list of (
object {
roleid int    //Role to assign to the user
userid int    //The user that is going to be assigned
contextid int  Opcional //The context to assign the user role in
contextlevel string  Opcional //The context level to assign the user role in
                                   (block, course, coursecat, system, user, module)
instanceid int  Opcional //The Instance id of item where the role needs to be assigned
}
)
```

```
XML-RPC (Estrutura PHP)

[assignments] =>
    Array
        (
        [0] =>
            Array
                (
                    [roleid] => int
                    [userid] => int
                    [contextid] => int
                    [contextlevel] => string
                    [instanceid] => int
                )
        )
```

```
REST (parâmetros POST)

assignments[0][roleid]= int
assignments[0][userid]= int
assignments[0][contextid]= int
assignments[0][contextlevel]= string
assignments[0][instanceid]= int
```

Resposta

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_role_unassign_roles

Manual role unassignments.

unassignments (Obrigatório)

```
Estrutura geral

list of (
object {
roleid int    //Role to assign to the user
userid int    //The user that is going to be assigned
contextid int  Opcional //The context to unassign the user role from
contextlevel string  Opcional //The context level to unassign the user role in
+                                   (block, course, coursecat, system, user, module)
instanceid int  Opcional //The Instance id of item where the role needs to be unassigned
}
)
```

```
XML-RPC (Estrutura PHP)

[unassignments] =>
    Array
        (
        [0] =>
            Array
                (
                    [roleid] => int
                    [userid] => int
                    [contextid] => int
                    [contextlevel] => string
                    [instanceid] => int
                )
        )
```

```
REST (parâmetros POST)

unassignments[0][roleid]= int
unassignments[0][userid]= int
```

```
unassignments[0][contextid]= int
unassignments[0][contextlevel]= string
unassignments[0][instanceid]= int
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_add_user_device

Store mobile user devices information for PUSH Notifications.

Argumentos

appid (Obrigatório)
    the app id, usually something like com.moodle.moodlemobile

Estrutura geral

```
string    //the app id, usually something like com.moodle.moodlemobile
```

XML-RPC (Estrutura PHP)

```
[appid] => string
```

REST (parâmetros POST)

```
appid= string
```

name (Obrigatório)
    the device name, 'occam' or 'iPhone' etc.

Estrutura geral

```
string    //the device name, 'occam' or 'iPhone' etc.
```

XML-RPC (Estrutura PHP)

```
[name] => string
```

REST (parâmetros POST)

```
name= string
```

model (Obrigatório)
    the device model 'Nexus4' or 'iPad1,1' etc.

Estrutura geral

```
string    //the device model 'Nexus4' or 'iPad1,1' etc.
```

XML-RPC (Estrutura PHP)

```
[model] => string
```

REST (parâmetros POST)

```
model= string
```

platform (Obrigatório)
    the device platform 'iOS' or 'Android' etc.

Estrutura geral

```
string    //the device platform 'iOS' or 'Android' etc.
```

XML-RPC (Estrutura PHP)

```
[platform] => string
```

REST (parâmetros POST)

```
platform= string
```

version (Obrigatório)
    the device version '6.1.2' or '4.2.2' etc.

Estrutura geral

```
string    //the device version '6.1.2' or '4.2.2' etc.
```

XML-RPC (Estrutura PHP)

```
[version] => string
```

REST (parâmetros POST)

```
version= string
```

pushid (Obrigatório)

　　the device PUSH token/key/identifier/registration id

Estrutura geral

```
string    //the device PUSH token/key/identifier/registration id
```

XML-RPC (Estrutura PHP)

```
[pushid] => string
```

REST (parâmetros POST)

```
pushid= string
```

uuid (Obrigatório)

　　the device UUID

Estrutura geral

```
string    //the device UUID
```

XML-RPC (Estrutura PHP)

```
[uuid] => string
```

REST (parâmetros POST)

```
uuid= string
```

Resposta

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
 //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_create_users

Create users.

users (Obrigatório)

Estrutura geral

```
list of (
object {
username string    //Username policy is defined in Moodle security config.
password string    //Plain text password consisting of any characters
firstname string    //The first name(s) of the user
lastname string    //The family name of the user
email string    //A valid and unique email address
auth string  Padrão para "manual" //Auth plugins include manual, ldap, imap, etc
idnumber string  Padrão para "" //An arbitrary ID code number perhaps from the institution
lang string  Padrão para "pt_br" //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description, no HTML
city string  Opcional //Home city of the user
country string  Opcional //Home country code of the user, such as AU or CZ
firstnamephonetic string  Opcional //The first name(s) phonetically of the user
lastnamephonetic string  Opcional //The family name phonetically of the user
middlename string  Opcional //The middle name of the user
alternatename string  Opcional //The alternate name of the user
preferences  Opcional //User preferences
list of (
object {
type string    //The name of the preference
value string    //The value of the preference
}
)customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string    //The name of the custom field
value string    //The value of the custom field
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[users] =>
    Array
        (
            [0] =>
                Array
                    (
                        [username] => string
                        [password] => string
                        [firstname] => string
                        [lastname] => string
                        [email] => string
                        [auth] => string
                        [idnumber] => string
                        [lang] => string
                        [theme] => string
                        [timezone] => string
                        [mailformat] => int
                        [description] => string
                        [city] => string
                        [country] => string
                        [firstnamephonetic] => string
                        [lastnamephonetic] => string
                        [middlename] => string
                        [alternatename] => string
                        [preferences] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                        [customfields] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                    )
        )
```

REST (parâmetros POST)

```
users[0][username]= string
users[0][password]= string
users[0][firstname]= string
users[0][lastname]= string
users[0][email]= string
users[0][auth]= string
users[0][idnumber]= string
users[0][lang]= string
users[0][theme]= string
users[0][timezone]= string
users[0][mailformat]= int
users[0][description]= string
users[0][city]= string
users[0][country]= string
users[0][firstnamephonetic]= string
users[0][lastnamephonetic]= string
users[0][middlename]= string
users[0][alternatename]= string
users[0][preferences][0][type]= string
users[0][preferences][0][value]= string
users[0][customfields][0][type]= string
users[0][customfields][0][value]= string
```

Resposta

```
Estrutura geral

list of (
object {
id int    //user id
username string    //user name
}
)
```

```
XML-RPC (Estrutura PHP)

    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                )
        )
```

```
REST

<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_delete_users

Delete users.

Argumentos
userids (Obrigatório)

```
Estrutura geral

list of (
int    //user ID
)
```

```
XML-RPC (Estrutura PHP)

[userids] =>
    Array
        (
        [0] => int
        )
```

```
REST (parâmetros POST)

userids[0]= int
```

Resposta

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_get_course_user_profiles

Get course user profiles (each of the profils matching a course id and a user id).

Argumentos
userlist (Obrigatório)

```
Estrutura geral
```

```
list of (
object {
userid int    //userid
courseid int    //courseid
}
)
```

XML-RPC (Estrutura PHP)

```
[userlist] =>
    Array
        (
        [0] =>
            Array
                (
                    [userid] => int
                    [courseid] => int
                )
        )
```

REST (parâmetros POST)

```
userlist[0][userid]= int
userlist[0][courseid]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //The username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
confirmed int  Opcional //Active user: 1 if confirmed, 0 otherwise
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string    //User image profile URL - small version
profileimageurl string    //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string    //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)preferences  Opcional //Users preferences
list of (
object {
name string    //The name of the preferences
value string    //The value of the custom field
}
)groups  Opcional //user groups
list of (
object {
id int    //group id
name string    //group name
description string    //group description
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)roles  Opcional //user roles
list of (
object {
roleid int    //role id
name string    //role name
shortname string    //role shortname
sortorder int    //role sortorder
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int    //Id of the course
fullname string    //Fullname of the course
shortname string    //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                    [firstname] => string
                    [lastname] => string
                    [fullname] => string
                    [email] => string
                    [address] => string
                    [phone1] => string
                    [phone2] => string
                    [icq] => string
                    [skype] => string
                    [yahoo] => string
                    [aim] => string
                    [msn] => string
                    [department] => string
                    [institution] => string
```

```
                            [idnumber] => string
                            [interests] => string
                            [firstaccess] => int
                            [lastaccess] => int
                            [auth] => string
                            [confirmed] => int
                            [lang] => string
                            [theme] => string
                            [timezone] => string
                            [mailformat] => int
                            [description] => string
                            [descriptionformat] => int
                            [city] => string
                            [url] => string
                            [country] => string
                            [profileimageurlsmall] => string
                            [profileimageurl] => string
                            [customfields] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [type] => string
                                                    [value] => string
                                                    [name] => string
                                                    [shortname] => string
                                                )

                                    )
                            [preferences] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [name] => string
                                                    [value] => string
                                                )

                                    )
                            [groups] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [id] => int
                                                    [name] => string
                                                    [description] => string
                                                    [descriptionformat] => int
                                                )

                                    )
                            [roles] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [roleid] => int
                                                    [name] => string
                                                    [shortname] => string
                                                    [sortorder] => int
                                                )

                                    )
                            [enrolledcourses] =>
                                Array
                                    (
                                        [0] =>
                                            Array
                                                (
                                                    [id] => int
                                                    [fullname] => string
                                                    [shortname] => string
                                                )

                                    )
                        )

            )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="address">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone1">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone2">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="icq">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="skype">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="yahoo">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="aim">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="msn">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="department">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="institution">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="interests">
                <VALUE>string</VALUE>
```

```
            </KEY>
            <KEY name="firstaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lastaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="auth">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="confirmed">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lang">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="theme">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="timezone">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="mailformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="city">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="url">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="country">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurlsmall">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="customfields">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="type">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="preferences">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="groups">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="id">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="description">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="descriptionformat">
                            <VALUE>int</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="roles">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="roleid">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="sortorder">
                            <VALUE>int</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="enrolledcourses">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="id">
                            <VALUE>int</VALUE>
                        </KEY>
                        <KEY name="fullname">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_get_users

search for users matching the parameters

Argumentos

criteria (Obrigatório)

the key/value pairs to be considered in user search. Values can not be empty. Specify different keys only once (fullname => 'user1', auth => 'manual', ...) - k

Estrutura geral

```
//the key/value pairs to be considered in user search. Values can not be empty.
            Specify different keys only once (fullname => 'user1', auth => 'manual', ...) -
            key occurences are forbidden.
            The search is executed with AND operator on the criterias. Invalid criterias (keys) are ignor
            the search is still executed on the valid criterias.
            You can search without criteria, but the function is not designed for it.
            It could very slow or timeout. The function is designed to search some specific users.
list of (
object {
key string    //the user column to search, expected keys (value format) are:
                "id" (int) matching user id,
                "lastname" (string) user last name (Note: you can use % for searching but it may be c
                "firstname" (string) user first name (Note: you can use % for searching but it may be
                "idnumber" (string) matching user idnumber,
                "username" (string) matching user username,
                "email" (string) user email (Note: you can use % for searching but it may be consider
                "auth" (string) matching user auth plugin
value string    //the value to search
}
)
```

XML-RPC (Estrutura PHP)

```
[criteria] =>
    Array
        (
        [0] =>
            Array
                (
                [key] => string
                [value] => string
                )
        )
```

REST (parâmetros POST)

```
criteria[0][key]= string
criteria[0][value]= string
```

Resposta

Estrutura geral

```
object {
users list of (
object {
id int    //ID of the user
username string  Opcional //The username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
confirmed int  Opcional //Active user: 1 if confirmed, 0 otherwise
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string    //User image profile URL - small version
profileimageurl string    //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string    //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)preferences  Opcional //Users preferences
list of (
object {
name string    //The name of the preferences
value string    //The value of the custom field
}
)}
)warnings  Opcional //list of warnings
list of (
    //warning
object {
item string  Opcional //always set to 'key'
```

```
itemid int  Opcional //faulty key name
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [users] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [id] => int
                        [username] => string
                        [firstname] => string
                        [lastname] => string
                        [fullname] => string
                        [email] => string
                        [address] => string
                        [phone1] => string
                        [phone2] => string
                        [icq] => string
                        [skype] => string
                        [yahoo] => string
                        [aim] => string
                        [msn] => string
                        [department] => string
                        [institution] => string
                        [idnumber] => string
                        [interests] => string
                        [firstaccess] => int
                        [lastaccess] => int
                        [auth] => string
                        [confirmed] => int
                        [lang] => string
                        [theme] => string
                        [timezone] => string
                        [mailformat] => int
                        [description] => string
                        [descriptionformat] => int
                        [city] => string
                        [url] => string
                        [country] => string
                        [profileimageurlsmall] => string
                        [profileimageurl] => string
                        [customfields] =>
                            Array
                                (
                                [0] =>
                                    Array
                                        (
                                        [type] => string
                                        [value] => string
                                        [name] => string
                                        [shortname] => string
                                        )

                                )
                        [preferences] =>
                            Array
                                (
                                [0] =>
                                    Array
                                        (
                                        [name] => string
                                        [value] => string
                                        )

                                )

                        )

                )
        [warnings] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="users">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="username">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="firstname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="lastname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="fullname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="email">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="address">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="phone1">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="phone2">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="icq">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="skype">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="yahoo">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="aim">
                        <VALUE>string</VALUE>
```

```
                    </KEY>
                    <KEY name="msn">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="department">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="institution">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="idnumber">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="interests">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="firstaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lastaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="auth">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="confirmed">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lang">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="theme">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timezone">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="mailformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="descriptionformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="city">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="url">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="country">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="customfields">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="type">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="shortname">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                    <KEY name="preferences">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_get_users_by_field

Retrieve users information for a specified unique field - If you want to do a user search, use core_user_get_users()

field (Obrigatório)

the search field can be 'id' or 'idnumber' or 'username' or 'email'

Estrutura geral

```
string    //the search field can be
                   'id' or 'idnumber' or 'username' or 'email'
```

XML-RPC (Estrutura PHP)

```
[field] => string
```

REST (parâmetros POST)

```
field= string
```

---

values (Obrigatório)

Estrutura geral

```
list of (
string    //the value to match
)
```

XML-RPC (Estrutura PHP)

```
[values] =>
    Array
        (
            [0] => string
        )
```

REST (parâmetros POST)

```
values[0]= string
```

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //The username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
confirmed int  Opcional //Active user: 1 if confirmed, 0 otherwise
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string  Opcional //User image profile URL - small version
profileimageurl string    //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string    //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)preferences  Opcional //Users preferences
list of (
object {
name string    //The name of the preferences
value string    //The value of the custom field
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [username] => string
                        [firstname] => string
                        [lastname] => string
                        [fullname] => string
                        [email] => string
                        [address] => string
                        [phone1] => string
                        [phone2] => string
                        [icq] => string
                        [skype] => string
```

```
                                    [yahoo] => string
                                    [aim] => string
                                    [msn] => string
                                    [department] => string
                                    [institution] => string
                                    [idnumber] => string
                                    [interests] => string
                                    [firstaccess] => int
                                    [lastaccess] => int
                                    [auth] => string
                                    [confirmed] => int
                                    [lang] => string
                                    [theme] => string
                                    [timezone] => string
                                    [mailformat] => int
                                    [description] => string
                                    [descriptionformat] => int
                                    [city] => string
                                    [url] => string
                                    [country] => string
                                    [profileimageurlsmall] => string
                                    [profileimageurl] => string
                                    [customfields] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [type] => string
                                                            [value] => string
                                                            [name] => string
                                                            [shortname] => string
                                                        )
                                            )
                                    [preferences] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [name] => string
                                                            [value] => string
                                                        )
                                            )
                                )
                    )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="address">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone1">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone2">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="icq">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="skype">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="yahoo">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="aim">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="msn">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="department">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="institution">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="interests">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lastaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="auth">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="confirmed">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lang">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="theme">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="timezone">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="mailformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
```

```
            </KEY>
            <KEY name="city">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="url">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="country">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurlsmall">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimageurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="customfields">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="type">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="shortname">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="preferences">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="value">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_get_users_by_id

DEPRECATED: this deprecated function will be removed in a future version. This function has been replaced by core_user_get

Argumentos

userids (Obrigatório)

Estrutura geral

```
list of (
int    //user ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string   Opcional //The username
firstname string    Opcional //The first name(s) of the user
lastname string   Opcional //The family name of the user
fullname string    //The fullname of the user
email string   Opcional //An email address - allow email as root@localhost
address string   Opcional //Postal address
phone1 string   Opcional //Phone 1
phone2 string   Opcional //Phone 2
icq string   Opcional //icq number
skype string   Opcional //skype id
yahoo string   Opcional //yahoo id
aim string   Opcional //aim id
msn string   Opcional //msn number
department string   Opcional //department
institution string   Opcional //institution
idnumber string   Opcional //An arbitrary ID code number perhaps from the institution
interests string   Opcional //user interests (separated by commas)
firstaccess int   Opcional //first access to the site (0 if never)
lastaccess int   Opcional //last access to the site (0 if never)
auth string   Opcional //Auth plugins include manual, ldap, imap, etc
```

```
confirmed int   Opcional //Active user: 1 if confirmed, 0 otherwise
lang string   Opcional //Language code such as "en", must exist on server
theme string   Opcional //Theme name such as "standard", must exist on server
timezone string   Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int   Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string   Opcional //User profile description
descriptionformat int   Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string   Opcional //Home city of the user
url string   Opcional //URL of the user
country string   Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string   //User image profile URL - small version
profileimageurl string   //User image profile URL - big version
customfields   Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string   //The type of the custom field - text field, checkbox...
value string   //The value of the custom field
name string   //The name of the custom field
shortname string   //The shortname of the custom field - to be able to build the field class in the code
}
)preferences   Opcional //Users preferences
list of (
object {
name string   //The name of the preferences
value string   //The value of the custom field
}
)enrolledcourses   Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int   //Id of the course
fullname string   //Fullname of the course
shortname string   //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
    (
        [0] =>
            Array
            (
                [id] => int
                [username] => string
                [firstname] => string
                [lastname] => string
                [fullname] => string
                [email] => string
                [address] => string
                [phone1] => string
                [phone2] => string
                [icq] => string
                [skype] => string
                [yahoo] => string
                [aim] => string
                [msn] => string
                [department] => string
                [institution] => string
                [idnumber] => string
                [interests] => string
                [firstaccess] => int
                [lastaccess] => int
                [auth] => string
                [confirmed] => int
                [lang] => string
                [theme] => string
                [timezone] => string
                [mailformat] => int
                [description] => string
                [descriptionformat] => int
                [city] => string
                [url] => string
                [country] => string
                [profileimageurlsmall] => string
                [profileimageurl] => string
                [customfields] =>
                    Array
                    (
                        [0] =>
                            Array
                            (
                                [type] => string
                                [value] => string
                                [name] => string
                                [shortname] => string
                            )
                    )
                [preferences] =>
                    Array
                    (
                        [0] =>
                            Array
                            (
                                [name] => string
                                [value] => string
                            )
                    )
                [enrolledcourses] =>
                    Array
                    (
                        [0] =>
                            Array
                            (
                                [id] => int
                                [fullname] => string
                                [shortname] => string
                            )
                    )
            )
    )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
```

```xml
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="address">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="phone1">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="phone2">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="icq">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="skype">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="yahoo">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="aim">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="msn">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="department">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="institution">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="idnumber">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="interests">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="firstaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lastaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="auth">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="confirmed">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lang">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="theme">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timezone">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="mailformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="descriptionformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="city">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="url">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="country">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="customfields">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="type">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="shortname">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                    <KEY name="preferences">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                    <KEY name="enrolledcourses">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="fullname">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="shortname">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
    </RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_user_update_users

Update users.

Argumentos

users (Obrigatório)

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //Username policy is defined in Moodle security config.
password string  Opcional //Plain text password consisting of any characters
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
email string  Opcional //A valid and unique email address
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description, no HTML
city string  Opcional //Home city of the user
country string  Opcional //Home country code of the user, such as AU or CZ
firstnamephonetic string  Opcional //The first name(s) phonetically of the user
lastnamephonetic string  Opcional //The family name phonetically of the user
middlename string  Opcional //The middle name of the user
alternatename string  Opcional //The alternate name of the user
customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string    //The name of the custom field
value string    //The value of the custom field
}
)preferences  Opcional //User preferences
list of (
object {
type string    //The name of the preference
value string    //The value of the preference
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[users] =>
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                    [password] => string
                    [firstname] => string
                    [lastname] => string
                    [email] => string
                    [auth] => string
                    [idnumber] => string
                    [lang] => string
                    [theme] => string
                    [timezone] => string
                    [mailformat] => int
                    [description] => string
                    [city] => string
                    [country] => string
                    [firstnamephonetic] => string
                    [lastnamephonetic] => string
                    [middlename] => string
                    [alternatename] => string
                    [customfields] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [type] => string
                                        [value] => string
                                    )
                            )
                    [preferences] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [type] => string
                                        [value] => string
                                    )
                            )
                )
        )
```

REST (parâmetros POST)

```
users[0][id]= int
users[0][username]= string
users[0][password]= string
users[0][firstname]= string
users[0][lastname]= string
users[0][email]= string
users[0][auth]= string
users[0][idnumber]= string
users[0][lang]= string
users[0][theme]= string
users[0][timezone]= string
users[0][mailformat]= int
users[0][description]= string
users[0][city]= string
```

```
users[0][country]= string
users[0][firstnamephonetic]= string
users[0][lastnamephonetic]= string
users[0][middlename]= string
users[0][alternatename]= string
users[0][customfields][0][type]= string
users[0][customfields][0][value]= string
users[0][preferences][0][type]= string
users[0][preferences][0][value]= string
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

core_webservice_get_site_info

Return some site info / user info / list web service functions

Argumentos

serviceshortnames (Padrão para "Array ( ) ")

DEPRECATED PARAMETER - it was a design error in the original implementation. \ It is ignored now. (parameter kept for backward compatibility)

Estrutura geral

```
 Padrão para "Array
(
)
" //DEPRECATED PARAMETER - it was a design error in the original implementation. \
                It is ignored now. (parameter kept for backward compatibility)
list of (
string    //service shortname
)
```

XML-RPC (Estrutura PHP)

```
[serviceshortnames] =>
    Array
        (
            [0] => string
        )
```

REST (parâmetros POST)

```
serviceshortnames[0]= string
```

Resposta

Estrutura geral

```
object {
sitename string    //site name
username string    //username
firstname string    //first name
lastname string    //last name
fullname string    //user full name
lang string    //user language
userid int    //user id
siteurl string    //site url
userpictureurl string    //the user profile picture.
                Warning: this url is the public URL that only works when forcelogin is set to NO and guestaccess
                In order to retrieve user profile pictures independently of the Moodle config, replace "pluginfil
                "webservice/pluginfile.php?token=WSTOKEN&file="
                Of course the user can only see profile picture depending
                on his/her permissions. Moreover it is recommended to use HTTPS too.
functions list of (
   //functions that are available
object {
name string    //function name
version string    //The version number of the component to which the function belongs
}
)downloadfiles int  Opcional //1 if users are allowed to download files, 0 if not
uploadfiles int  Opcional //1 if users are allowed to upload files, 0 if not
release string  Opcional //Moodle release number
version string  Opcional //Moodle version number
mobilecssurl string  Opcional //Mobile custom CSS theme
}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [sitename] => string
            [username] => string
            [firstname] => string
            [lastname] => string
            [fullname] => string
            [lang] => string
            [userid] => int
            [siteurl] => string
            [userpictureurl] => string
            [functions] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [name] => string
                                    [version] => string
                                )
```

```
                )
        [downloadfiles] => int
        [uploadfiles] => int
        [release] => string
        [version] => string
        [mobilecssurl] => string
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="sitename">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="username">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="firstname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="lastname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="fullname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="lang">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="userid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="siteurl">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="userpictureurl">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="functions">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="version">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="downloadfiles">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="uploadfiles">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="release">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="version">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="mobilecssurl">
            <VALUE>string</VALUE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

enrol_manual_enrol_users

Manual enrol users

Argumentos

enrolments (Obrigatório)

Estrutura geral

```
list of (
object {
roleid int    //Role to assign to the user
userid int    //The user that is going to be enrolled
courseid int    //The course to enrol the user role in
timestart int  Opcional //Timestamp when the enrolment start
timeend int   Opcional //Timestamp when the enrolment end
suspend int   Opcional //set to 1 to suspend the enrolment
}
)
```

```
XML-RPC (Estrutura PHP)

[enrolments] =>
    Array
        (
        [0] =>
            Array
                (
                [roleid] => int
                [userid] => int
                [courseid] => int
                [timestart] => int
                [timeend] => int
                [suspend] => int
                )

        )
```

```
REST (parâmetros POST)

enrolments[0][roleid]= int
enrolments[0][userid]= int
enrolments[0][courseid]= int
enrolments[0][timestart]= int
enrolments[0][timeend]= int
enrolments[0][suspend]= int
```

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

enrol_manual_unenrol_users

Manual unenrol users

enrolments (Obrigatório)

```
Estrutura geral

list of (
object {
userid int    //The user that is going to be unenrolled
courseid int   //The course to unenrol the user from
roleid int  Opcional //The user role
}
)
```

```
XML-RPC (Estrutura PHP)

[enrolments] =>
    Array
        (
        [0] =>
            Array
                (
                [userid] => int
                [courseid] => int
                [roleid] => int
                )

        )
```

```
REST (parâmetros POST)

enrolments[0][userid]= int
enrolments[0][courseid]= int
enrolments[0][roleid]= int
```

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

enrol_self_get_instance_info

self enrolment instance information.

instanceid (Obrigatório)
    instance id of self enrolment plugin.

Estrutura geral

```
int   //instance id of self enrolment plugin.
```

XML-RPC (Estrutura PHP)

```
[instanceid] => int
```

REST (parâmetros POST)

```
instanceid= int
```

Resposta

Estrutura geral

```
object {
id int    //id of course enrolment instance
courseid int   //id of course
type string    //type of enrolment plugin
name string    //name of enrolment plugin
status string   //status of enrolment plugin
enrolpassword string  Opcional //password required for enrolment
}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [id] => int
        [courseid] => int
        [type] => string
        [name] => string
        [status] => string
        [enrolpassword] => string
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="id">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="courseid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="type">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="name">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="status">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="enrolpassword">
            <VALUE>string</VALUE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_get_assignments

Returns the courses and assignments for the users capability

Argumentos

courseids (Padrão para "Array ( ) ")
   0 or more course ids

Estrutura geral

```
 Padrão para "Array
(
)
" //0 or more course ids
list of (
int   //course id
)
```

XML-RPC (Estrutura PHP)

```
[courseids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
courseids[0]= int
```

---

capabilities (Padrão para "Array ( ) ")

list of capabilities used to filter courses

Estrutura geral

```
 Padrão para "Array
(
)
" //list of capabilities used to filter courses
list of (
string   //capability
)
```

XML-RPC (Estrutura PHP)

```
[capabilities] =>
     Array
         (
         [0] => string
         )
```

REST (parâmetros POST)

```
capabilities[0]= string
```

Resposta

Estrutura geral

```
object {
courses   //list of courses
list of (
   //course information object
object {
id int   //course id
fullname string   //course full name
shortname string   //course short name
timemodified int   //last time modified
assignments   //assignment info
list of (
   //assignment information object
object {
id int   //assignment id
cmid int   //course module id
course int   //course id
name string   //assignment name
nosubmissions int   //no submissions
submissiondrafts int   //submissions drafts
sendnotifications int   //send notifications
sendlatenotifications int   //send notifications
duedate int   //assignment due date
allowsubmissionsfromdate int   //allow submissions from date
grade int   //grade type
timemodified int   //last time assignment was modified
completionsubmit int   //if enabled, set activity as complete following submission
cutoffdate int   //date after which submission is not accepted without an extension
teamsubmission int   //if enabled, students submit as a team
requireallteammemberssubmit int   //if enabled, all team members must submit
teamsubmissiongroupingid int   //the grouping id for the team submission groups
blindmarking int   //if enabled, hide identities until reveal identities actioned
revealidentities int   //show identities for a blind marking assignment
attemptreopenmethod string   //method used to control opening new attempts
maxattempts int   //maximum number of attempts allowed
markingworkflow int   //enable marking workflow
markingallocation int   //enable marking allocation
requiresubmissionstatement int   //student must accept submission statement
configs   //configuration settings
list of (
   //assignment configuration object
object {
id int   //assign_plugin_config id
assignment int   7/assignment id
plugin string   //plugin
subtype string   //subtype
name string   //name
value string   //value
}
)}
)}
)warnings   Opcional //list of warnings
list of (
   //warning
object {
item string   Opcional //item can be 'course' (errorcode 1 or 2) or 'module' (errorcode 1)
itemid int   Opcional //When item is a course then itemid is a course id. When the item is a module then itemid is a m
warningcode string   //errorcode can be 1 (no access rights) or 2 (not enrolled or no permissions)
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [courses] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [id] => int
                        [fullname] => string
                        [shortname] => string
                        [timemodified] => int
                        [assignments] =>
                            Array
                                (
                                [0] =>
                                    Array
                                        (
                                        [id] => int
                                        [cmid] => int
                                        [course] => int
                                        [name] => string
                                        [nosubmissions] => int
                                        [submissiondrafts] => int
                                        [sendnotifications] => int
                                        [sendlatenotifications] => int
                                        [duedate] => int
```

```
                                                [allowsubmissionsfromdate] => int
                                                [grade] => int
                                                [timemodified] => int
                                                [completionsubmit] => int
                                                [cutoffdate] => int
                                                [teamsubmission] => int
                                                [requireallteammemberssubmit] => int
                                                [teamsubmissiongroupingid] => int
                                                [blindmarking] => int
                                                [revealidentities] => int
                                                [attemptreopenmethod] => string
                                                [maxattempts] => int
                                                [markingworkflow] => int
                                                [markingallocation] => int
                                                [requiresubmissionstatement] => int
                                                [configs] =>
                                                    Array
                                                        (
                                                            [0] =>
                                                                Array
                                                                    (
                                                                        [id] => int
                                                                        [assignment] => int
                                                                        [plugin] => string
                                                                        [subtype] => string
                                                                        [name] => string
                                                                        [value] => string
                                                                    )
                                                        )
                                                )
                                        )
                                )
                        )
                [warnings] =>
                    Array
                        (
                            [0] =>
                                Array
                                    (
                                        [item] => string
                                        [itemid] => int
                                        [warningcode] => string
                                        [message] => string
                                    )
                        )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="courses">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="fullname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="shortname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timemodified">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="assignments">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="cmid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="course">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="nosubmissions">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="submissiondrafts">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="sendnotifications">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="sendlatenotifications">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="duedate">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="allowsubmissionsfromdate">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="grade">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timemodified">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="completionsubmit">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="cutoffdate">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="teamsubmission">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="requireallteammemberssubmit">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="teamsubmissiongroupingid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="blindmarking">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="revealidentities">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="attemptreopenmethod">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="maxattempts">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="markingworkflow">
                                    <VALUE>int</VALUE>
                                </KEY>
```

```
                                      <KEY name="markingallocation">
                                          <VALUE>int</VALUE>
                                      </KEY>
                                      <KEY name="requiresubmissionstatement">
                                          <VALUE>int</VALUE>
                                      </KEY>
                                      <KEY name="configs">
                                          <MULTIPLE>
                                              <SINGLE>
                                                  <KEY name="id">
                                                      <VALUE>int</VALUE>
                                                  </KEY>
                                                  <KEY name="assignment">
                                                      <VALUE>int</VALUE>
                                                  </KEY>
                                                  <KEY name="plugin">
                                                      <VALUE>string</VALUE>
                                                  </KEY>
                                                  <KEY name="subtype">
                                                      <VALUE>string</VALUE>
                                                  </KEY>
                                                  <KEY name="name">
                                                      <VALUE>string</VALUE>
                                                  </KEY>
                                                  <KEY name="value">
                                                      <VALUE>string</VALUE>
                                                  </KEY>
                                              </SINGLE>
                                          </MULTIPLE>
                                      </KEY>
                                  </SINGLE>
                              </MULTIPLE>
                          </KEY>
                      </SINGLE>
                  </MULTIPLE>
              </KEY>
              <KEY name="warnings">
                  <MULTIPLE>
                      <SINGLE>
                          <KEY name="item">
                              <VALUE>string</VALUE>
                          </KEY>
                          <KEY name="itemid">
                              <VALUE>int</VALUE>
                          </KEY>
                          <KEY name="warningcode">
                              <VALUE>string</VALUE>
                          </KEY>
                          <KEY name="message">
                              <VALUE>string</VALUE>
                          </KEY>
                      </SINGLE>
                  </MULTIPLE>
              </KEY>
          </SINGLE>
      </RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_get_grades

Returns grades from the assignment

Argumentos

assignmentids (Obrigatório)

1 or more assignment ids

Estrutura geral

```
//1 or more assignment ids
list of (
int   //assignment id
)
```

XML-RPC (Estrutura PHP)

```
[assignmentids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
assignmentids[0]= int
```

since (Padrão para "0")

timestamp, only return records where timemodified >= since

Estrutura geral

```
int   Padrão para "0" //timestamp, only return records where timemodified >= since
```

XML-RPC (Estrutura PHP)

```
[since] => int
```

REST (parâmetros POST)

```
since= int
```

Estrutura geral

```
object {
assignments    //list of assignment grade information
list of (
object {
assignmentid int    //assignment id
grades list of (
object {
id int    //grade id
userid int    //student id
attemptnumber int    //attempt number
timecreated int    //grade creation time
timemodified int    //grade last modified time
grader int    //grader
grade string    //grade
}
)}
)warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item is always 'assignment'
itemid int  Opcional //when errorcode is 3 then itemid is an assignment id. When errorcode is 1, itemid is a course m
warningcode string   //errorcode can be 3 (no grades found) or 1 (no permission to get grades)
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [assignments] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [assignmentid] => int
                        [grades] =>
                            Array
                                (
                                [0] =>
                                    Array
                                        (
                                        [id] => int
                                        [userid] => int
                                        [attemptnumber] => int
                                        [timecreated] => int
                                        [timemodified] => int
                                        [grader] => int
                                        [grade] => string
                                        )
                                )
                        )
                )
        [warnings] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="assignments">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="assignmentid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="grades">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="userid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="attemptnumber">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timecreated">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timemodified">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="grader">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="grade">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
```

```
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_get_submissions

Returns the submissions for assignments

Argumentos

assignmentids (Obrigatório)
    1 or more assignment ids

Estrutura geral

```
   //1 or more assignment ids
list of (
int    //assignment id
)
```

XML-RPC (Estrutura PHP)

```
[assignmentids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
assignmentids[0]= int
```

status (Padrão para "")
    status

Estrutura geral

```
string   Padrão para "" //status
```

XML-RPC (Estrutura PHP)

```
[status] => string
```

REST (parâmetros POST)

```
status= string
```

since (Padrão para "0")
    submitted since

Estrutura geral

```
int   Padrão para "0" //submitted since
```

XML-RPC (Estrutura PHP)

```
[since] => int
```

REST (parâmetros POST)

```
since= int
```

before (Padrão para "0")
    submitted before

Estrutura geral

```
int   Padrão para "0" //submitted before
```

XML-RPC (Estrutura PHP)

```
[before] => int
```

REST (parâmetros POST)

```
before= int
```

Resposta

Estrutura geral

```
object {
assignments    //assignment submissions
```

```
list of (
object {
assignmentid int    //assignment id
submissions list of (
object {
id int    //submission id
userid int    //student id
attemptnumber int    //attempt number
timecreated int    //submission creation time
timemodified int    //submission last modified time
status string    //submission status
groupid int    //group id
plugins  Opcional //plugins
list of (
object {
type string    //submission plugin type
name string    //submission plugin name
fileareas  Opcional //fileareas
list of (
object {
area string    //file area
files  Opcional //files
list of (
object {
filepath string    //file path
}
)}
)editorfields  Opcional //editorfields
list of (
object {
name string    //field name
description string    //field description
text string    //field value
format int    //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)}
)}
)}
)warnings  Opcional //list of warnings
list of (
   //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string    //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [assignments] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [assignmentid] => int
                                    [submissions] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [id] => int
                                                            [userid] => int
                                                            [attemptnumber] => int
                                                            [timecreated] => int
                                                            [timemodified] => int
                                                            [status] => string
                                                            [groupid] => int
                                                            [plugins] =>
                                                                Array
                                                                    (
                                                                        [0] =>
                                                                            Array
                                                                                (
                                                                                    [type] => string
                                                                                    [name] => string
                                                                                    [fileareas] =>
                                                                                        Array
                                                                                            (
                                                                                                [0] =>
                                                                                                    Array
                                                                                                        (
                                                                                                            [area] => string
                                                                                                            [files] =>
                                                                                                                Array
                                                                                                                    (
                                                                                                                        [0] =>
                                                                                                                            Array
                                                                                                                                (
                                                                                                                                    [filepath] => string
                                                                                                                                )
                                                                                                                    )
                                                                                                        )
                                                                                            )
                                                                                    [editorfields] =>
                                                                                        Array
                                                                                            (
                                                                                                [0] =>
                                                                                                    Array
                                                                                                        (
                                                                                                            [name] => string
                                                                                                            [description] => string
                                                                                                            [text] => string
                                                                                                            [format] => int
                                                                                                        )
                                                                                            )
                                                                                )
                                                                    )
                                                        )
                                            )
                                )
                    )
            [warnings] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="assignments">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="assignmentid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="submissions">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="userid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="attemptnumber">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timecreated">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="timemodified">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="status">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="groupid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="plugins">
                                    <MULTIPLE>
                                        <SINGLE>
                                            <KEY name="type">
                                                <VALUE>string</VALUE>
                                            </KEY>
                                            <KEY name="name">
                                                <VALUE>string</VALUE>
                                            </KEY>
                                            <KEY name="fileareas">
                                                <MULTIPLE>
                                                    <SINGLE>
                                                        <KEY name="area">
                                                            <VALUE>string</VALUE>
                                                        </KEY>
                                                        <KEY name="files">
                                                            <MULTIPLE>
                                                                <SINGLE>
                                                                    <KEY name="filepath">
                                                                        <VALUE>string</VALUE>
                                                                    </KEY>
                                                                </SINGLE>
                                                            </MULTIPLE>
                                                        </KEY>
                                                    </SINGLE>
                                                </MULTIPLE>
                                            </KEY>
                                            <KEY name="editorfields">
                                                <MULTIPLE>
                                                    <SINGLE>
                                                        <KEY name="name">
                                                            <VALUE>string</VALUE>
                                                        </KEY>
                                                        <KEY name="description">
                                                            <VALUE>string</VALUE>
                                                        </KEY>
                                                        <KEY name="text">
                                                            <VALUE>string</VALUE>
                                                        </KEY>
                                                        <KEY name="format">
                                                            <VALUE>int</VALUE>
                                                        </KEY>
                                                    </SINGLE>
                                                </MULTIPLE>
                                            </KEY>
                                        </SINGLE>
                                    </MULTIPLE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_get_user_flags

Returns the user flags for assignments

Argumentos

assignmentids (Obrigatório)

1 or more assignment ids

Estrutura geral

```
 //1 or more assignment ids
list of (
int   //assignment id
)
```

XML-RPC (Estrutura PHP)

```
[assignmentids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
assignmentids[0]= int
```

Resposta

Estrutura geral

```
object {
assignments    //list of assign user flag information
list of (
object {
assignmentid int   //assignment id
userflags list of (
object {
id int   //user flag id
userid int   //student id
locked int   //locked
mailed int   //mailed
extensionduedate int   //extension due date
workflowstate string  Opcional //marking workflow state
allocatedmarker int   //allocated marker
}
)}
)warnings  Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item is always 'assignment'
itemid int  Opcional //when errorcode is 3 then itemid is an assignment id. When errorcode is 1, itemid is a course m
warningcode string   //errorcode can be 3 (no user flags found) or 1 (no permission to get user flags)
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [assignments] =>
            Array
                (
                    [0] =>
                        Array
                            (
                                [assignmentid] => int
                                [userflags] =>
                                    Array
                                        (
                                            [0] =>
                                                Array
                                                    (
                                                        [id] => int
                                                        [userid] => int
                                                        [locked] => int
                                                        [mailed] => int
                                                        [extensionduedate] => int
                                                        [workflowstate] => string
                                                        [allocatedmarker] => int
                                                    )
                                        )
                            )
                )
        [warnings] =>
            Array
                (
                    [0] =>
                        Array
                            (
                                [item] => string
                                [itemid] => int
                                [warningcode] => string
                                [message] => string
                            )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="assignments">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="assignmentid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="userflags">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="userid">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="locked">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="mailed">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="extensionduedate">
                                    <VALUE>int</VALUE>
```

```
                </KEY>
                <KEY name="workflowstate">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="allocatedmarker">
                    <VALUE>int</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </KEY>
            </SINGLE>
        </MULTIPLE>
    </KEY>
    <KEY name="warnings">
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </KEY>
    </SINGLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_get_user_mappings

Returns the blind marking mappings for assignments

Argumentos

assignmentids (Obrigatório)
> 1 or more assignment ids

Estrutura geral

```
 //1 or more assignment ids
list of (
int    //assignment id
)
```

XML-RPC (Estrutura PHP)

```
[assignmentids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
assignmentids[0]= int
```

Resposta

Estrutura geral

```
object {
assignments    //list of assign user mapping data
list of (
object {
assignmentid int    //assignment id
mappings list of (
object {
id int    //user mapping id
userid int    //student id
}
)}
)warnings  Opcional //list of warnings
list of (
 //warning
object {
item string   Opcional //item is always 'assignment'
itemid int   Opcional //when errorcode is 3 then itemid is an assignment id. When errorcode is 1, itemid is a course m
warningcode string    //errorcode can be 3 (no user mappings found) or 1 (no permission to get user mappings)
message string   //untranslated english message to explain the warning
}
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [assignments] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [assignmentid] => int
                        [mappings] =>
                            Array
```

```
                                    (
                                    [0] =>
                                        Array
                                            (
                                            [id] => int
                                            [userid] => int
                                            )
                                    )
                            )
            [warnings] =>
                Array
                    (
                    [0] =>
                        Array
                            (
                            [item] => string
                            [itemid] => int
                            [warningcode] => string
                            [message] => string
                            )
                    )
            )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="assignments">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="assignmentid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="mappings">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="userid">
                                    <VALUE>int</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="warnings">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="item">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="warningcode">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="message">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_lock_submissions

Prevent students from making changes to a list of submissions

Argumentos

assignmentid (Obrigatório)
     The assignment id to operate on

Estrutura geral

```
int   //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userids (Obrigatório)
     1 or more user ids

Estrutura geral

```
  //1 or more user ids
list of (
int   //user id
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_reveal_identities

Reveal the identities for a blind marking assignment

assignmentid (Obrigatório)
    The assignment id to operate on

Estrutura geral

```
int   //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_revert_submissions_to_draft

Reverts the list of submissions to draft status

Argumentos

assignmentid (Obrigatório)
        The assignment id to operate on

Estrutura geral

```
int   //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userids (Obrigatório)
        1 or more user ids

Estrutura geral

```
 //1 or more user ids
list of (
int   //user id
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
        [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_save_grade

Save a grade update for a single student.

Argumentos

assignmentid (Obrigatório)
> The assignment id to operate on

Estrutura geral

```
int   //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userid (Obrigatório)
> The student id to operate on

Estrutura geral

```
int   //The student id to operate on
```

XML-RPC (Estrutura PHP)

```
[userid] => int
```

REST (parâmetros POST)

```
userid= int
```

grade (Obrigatório)
    The new grade for this user

Estrutura geral

```
double   //The new grade for this user
```

XML-RPC (Estrutura PHP)

```
[grade] => double
```

REST (parâmetros POST)

```
grade= double
```

attemptnumber (Obrigatório)
    The attempt number (-1 means latest attempt)

Estrutura geral

```
int   //The attempt number (-1 means latest attempt)
```

XML-RPC (Estrutura PHP)

```
[attemptnumber] => int
```

REST (parâmetros POST)

```
attemptnumber= int
```

addattempt (Obrigatório)
    Allow another attempt if the attempt reopen method is manual

Estrutura geral

```
int   //Allow another attempt if the attempt reopen method is manual
```

XML-RPC (Estrutura PHP)

```
[addattempt] => int
```

REST (parâmetros POST)

```
addattempt= int
```

workflowstate (Obrigatório)
    The next marking workflow state

Estrutura geral

```
string   //The next marking workflow state
```

XML-RPC (Estrutura PHP)

```
[workflowstate] => string
```

REST (parâmetros POST)

```
workflowstate= string
```

applytoall (Obrigatório)
    If true, this grade will be applied to all members of the group (for group assignments).

Estrutura geral

```
int   //If true, this grade will be applied to all members of the group (for group assignments).
```

XML-RPC (Estrutura PHP)

```
[applytoall] => int
```

REST (parâmetros POST)

```
applytoall= int
```

plugindata (Obrigatório)

Estrutura geral

```
object {
assignfeedbackcomments_editor object {
text string   //The text for this feedback.
format int   //The format for this feedback
}
files_filemanager int   //The id of a draft area containing files for this feedback.
}
```

XML-RPC (Estrutura PHP)

```
[plugindata] =>
    Array
        (
```

```
            [assignfeedbackcomments_editor] =>
                Array
                    (
                        [text] => string
                        [format] => int
                    )
            [files_filemanager] => int
            )
```

REST (parâmetros POST)

```
plugindata[assignfeedbackcomments_editor][text]= string
plugindata[assignfeedbackcomments_editor][format]= int
plugindata[files_filemanager]= int
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_save_submission

Update the current students submission

Argumentos

assignmentid (Obrigatório)

> The assignment id to operate on

Estrutura geral

```
int    //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

plugindata (Obrigatório)

Estrutura geral

```
object {
onlinetext_editor object {
text string    //The text for this submission.
format int    //The format for this submission
itemid int    //The draft area id for files attached to the submission
}
files_filemanager int    //The id of a draft area containing files for this submission.
}
```

XML-RPC (Estrutura PHP)

```
[plugindata] =>
    Array
        (
            [onlinetext_editor] =>
                Array
                    (
                        [text] => string
                        [format] => int
                        [itemid] => int
                    )
            [files_filemanager] => int
        )
```

REST (parâmetros POST)

```
plugindata[onlinetext_editor][text]= string
plugindata[onlinetext_editor][format]= int
plugindata[onlinetext_editor][itemid]= int
plugindata[files_filemanager]= int
```

Resposta

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string   Opcional //item
itemid int   Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string    //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)
```

```
    Array
        (
            [0] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_save_user_extensions

Save a list of assignment extensions

Argumentos

assignmentid (Obrigatório)
     The assignment id to operate on

Estrutura geral

```
int    //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userids (Obrigatório)
     1 or more user ids

Estrutura geral

```
 //1 or more user ids
list of (
int    //user id
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

dates (Obrigatório)
     1 or more extension dates (timestamp)

Estrutura geral

```
 //1 or more extension dates (timestamp)
list of (
int    //dates
)
```

XML-RPC (Estrutura PHP)

```
[dates] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
dates[0]= int
```

Resposta

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_set_user_flags

Creates or updates user flags

Argumentos

assignmentid (Obrigatório)
     assignment id

Estrutura geral

```
int   //assignment id
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userflags (Obrigatório)

Estrutura geral

```
list of (
```

```
object {
userid int    //student id
locked int  Opcional //locked
mailed int  Opcional //mailed
extensionduedate int  Opcional //extension due date
workflowstate string  Opcional //marking workflow state
allocatedmarker int  Opcional //allocated marker
}
)
```

XML-RPC (Estrutura PHP)

```
[userflags] =>
    Array
        (
        [0] =>
            Array
                (
                [userid] => int
                [locked] => int
                [mailed] => int
                [extensionduedate] => int
                [workflowstate] => string
                [allocatedmarker] => int
                )
        )
```

REST (parâmetros POST)

```
userflags[0][userid]= int
userflags[0][locked]= int
userflags[0][mailed]= int
userflags[0][extensionduedate]= int
userflags[0][workflowstate]= string
userflags[0][allocatedmarker]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //id of record if successful, -1 for failure
userid int    //userid of record
errormessage string  Opcional //Failure error message
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [id] => int
                [userid] => int
                [errormessage] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="userid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="errormessage">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_submit_for_grading

Submit the current students assignment for grading

Argumentos

assignmentid (Obrigatório)

The assignment id to operate on

Estrutura geral

```
int   //The assignment id to operate on
```

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

acceptsubmissionstatement (Obrigatório)
    Accept the assignment submission statement

Estrutura geral

int   *//Accept the assignment submission statement*

XML-RPC (Estrutura PHP)

```
[acceptsubmissionstatement] => int
```

REST (parâmetros POST)

```
acceptsubmissionstatement= int
```

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string   Opcional //item
itemid int   Opcional //item id
warningcode string    //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [item] => string
                        [itemid] => int
                        [warningcode] => string
                        [message] => string
                        )

                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_assign_unlock_submissions

Allow students to make changes to a list of submissions

assignmentid (Obrigatório)
    The assignment id to operate on

Estrutura geral

int   *//The assignment id to operate on*

XML-RPC (Estrutura PHP)

```
[assignmentid] => int
```

REST (parâmetros POST)

```
assignmentid= int
```

userids (Obrigatório)
    1 or more user ids

Estrutura geral

```
  //1 or more user ids
list of (
int    //user id
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Estrutura geral

```
list of (
 Opcional //list of warnings
list of (
  //warning
object {
item string  Opcional //item
itemid int  Opcional //item id
warningcode string   //the warning code can be used by the client app to implement specific behaviour
message string   //untranslated english message to explain the warning
}
))
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [item] => string
                                    [itemid] => int
                                    [warningcode] => string
                                    [message] => string
                                )

                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <MULTIPLE>
            <SINGLE>
                <KEY name="item">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="itemid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="warningcode">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="message">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_forum_get_forum_discussions

Returns a list of forum discussions contained within a given set of forums.

Argumentos

forumids (Obrigatório)
    Array of Forum IDs

Estrutura geral

```
  //Array of Forum IDs
list of (
```

```
int  Padrão para "1" //forum ID
)
```

XML-RPC (Estrutura PHP)

```
[forumids] =>
     Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
forumids[0]= int
```

Resposta

Estrutura geral

```
list of (
  //discussion
object {
id int   //Forum id
course int   //Course id
forum int   //The forum id
name string   //Discussion name
userid int   //User id
groupid int   //Group id
assessed int   //Is this assessed?
timemodified int   //Time modified
usermodified int   //The id of the user who last modified
timestart int   //Time discussion can start
timeend int   //Time discussion ends
firstpost int   //The first post in the discussion
firstuserfullname string   //The discussion creators fullname
firstuserimagealt string   //The discussion creators image alt
firstuserpicture int   //The discussion creators profile picture
firstuseremail string   //The discussion creators email
subject string   //The discussion subject
numreplies string   //The number of replies in the discussion
numunread string   //The number of unread posts, blank if this value is
                        not available due to forum settings.
lastpost int   //The id of the last post in the discussion
lastuserid int   //The id of the user who made the last post
lastuserfullname string   //The last person to posts fullname
lastuserimagealt string   //The last person to posts image alt
lastuserpicture int   //The last person to posts profile picture
lastuseremail string   //The last person to posts email
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
       (
           [0] =>
               Array
                  (
                      [id] => int
                      [course] => int
                      [forum] => int
                      [name] => string
                      [userid] => int
                      [groupid] => int
                      [assessed] => int
                      [timemodified] => int
                      [usermodified] => int
                      [timestart] => int
                      [timeend] => int
                      [firstpost] => int
                      [firstuserfullname] => string
                      [firstuserimagealt] => string
                      [firstuserpicture] => int
                      [firstuseremail] => string
                      [subject] => string
                      [numreplies] => string
                      [numunread] => string
                      [lastpost] => int
                      [lastuserid] => int
                      [lastuserfullname] => string
                      [lastuserimagealt] => string
                      [lastuserpicture] => int
                      [lastuseremail] => string
                  )
       )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="course">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="forum">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="userid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="groupid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="assessed">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timemodified">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="usermodified">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timestart">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timeend">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="firstpost">
                <VALUE>int</VALUE>
```

```
                </KEY>
                <KEY name="firstuserfullname">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="firstuserimagealt">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="firstuserpicture">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="firstuseremail">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="subject">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="numreplies">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="numunread">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="lastpost">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="lastuserid">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="lastuserfullname">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="lastuserimagealt">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="lastuserpicture">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="lastuseremail">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

mod_forum_get_forums_by_courses

Returns a list of forum instances in a provided set of courses, if no courses are provided then all the forum instances the user h

Argumentos

courseids (Padrão para "Array ( ) ")
Array of Course IDs

Estrutura geral

```
 Padrão para "Array
(
)
" //Array of Course IDs
list of (
int   Padrão para "1" //course ID
)
```

XML-RPC (Estrutura PHP)

```
[courseids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
courseids[0]= int
```

Resposta

Estrutura geral

```
list of (
  //forum
object {
id int   //Forum id
course string   //Course id
type string   //The forum type
name string   //Forum name
intro string   //The forum intro
introformat int   //intro format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
assessed int   //Aggregate type
assesstimestart int   //Assess start time
assesstimefinish int   //Assess finish time
scale int   //Scale
maxbytes int   //Maximum attachment size
maxattachments int   //Maximum number of attachments
forcesubscribe int   //Force users to subscribe
trackingtype int   //Subscription mode
rsstype int   //RSS feed for this activity
rssarticles int   //Number of RSS recent articles
timemodified int   //Time modified
warnafter int   //Post threshold for warning
blockafter int   //Post threshold for blocking
blockperiod int   //Time period for blocking
completiondiscussions int   //Student must create discussions
completionreplies int   //Student must post replies
```

```
completionposts int   //Student must post discussions or replies
cmid int   //Course module id
}
)
```

XML-RPC (Estrutura PHP)

    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [course] => string
                    [type] => string
                    [name] => string
                    [intro] => string
                    [introformat] => int
                    [assessed] => int
                    [assesstimestart] => int
                    [assesstimefinish] => int
                    [scale] => int
                    [maxbytes] => int
                    [maxattachments] => int
                    [forcesubscribe] => int
                    [trackingtype] => int
                    [rsstype] => int
                    [rssarticles] => int
                    [timemodified] => int
                    [warnafter] => int
                    [blockafter] => int
                    [blockperiod] => int
                    [completiondiscussions] => int
                    [completionreplies] => int
                    [completionposts] => int
                    [cmid] => int
)
)

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="course">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="type">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="intro">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="introformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="assessed">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="assesstimestart">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="assesstimefinish">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="scale">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="maxbytes">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="maxattachments">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="forcesubscribe">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="trackingtype">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="rsstype">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="rssarticles">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timemodified">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="warnafter">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="blockafter">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="blockperiod">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="completiondiscussions">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="completionreplies">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="completionposts">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="cmid">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
```

```
        <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_course_create_courses

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_course_cre

courses (Obrigatório)
> courses to create

Estrutura geral

```
  //courses to create
list of (
object {
fullname string    //full name
shortname string    //course short name
categoryid int    //category id
idnumber string  Opcional //id number
summary string  Opcional //summary
summaryformat int  Padrão para "1" //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
format string  Padrão para "topics" //course format: weeks, topics, social, site,..
showgrades int  Padrão para "0" //1 if grades are shown, otherwise 0
newsitems int  Padrão para "5" //number of recent items appearing on the course page
startdate int  Opcional //timestamp when the course start
numsections int  Opcional //(deprecated, use courseformatoptions) number of weeks/topics
maxbytes int  Padrão para "52428800" //largest size of file that can be uploaded into the course
showreports int  Padrão para "0" //are activity report shown (yes = 1, no =0)
visible int  Opcional //1: available to student, 0:not available
hiddensections int  Opcional //(deprecated, use courseformatoptions) How the hidden sections in the course are displa
groupmode int  Padrão para "0" //no group, separate, visible
groupmodeforce int  Padrão para "0" //1: yes, 0: no
defaultgroupingid int  Padrão para "0" //default grouping id
enablecompletion int  Opcional //Enabled, control via completion and activity settings. Disabled,
                                          not shown in activity settings.
completionnotify int  Opcional //1: yes 0: no
lang string  Opcional //forced course language
forcetheme string  Opcional //name of the force theme
courseformatoptions  Opcional //additional options for particular course format
list of (
object {
name string    //course format option name
value string    //course format option value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[courses] =>
    Array
        (
        [0] =>
            Array
                (
                [fullname] => string
                [shortname] => string
                [categoryid] => int
                [idnumber] => string
                [summary] => string
                [summaryformat] => int
                [format] => string
                [showgrades] => int
                [newsitems] => int
                [startdate] => int
                [numsections] => int
                [maxbytes] => int
                [showreports] => int
                [visible] => int
                [hiddensections] => int
                [groupmode] => int
                [groupmodeforce] => int
                [defaultgroupingid] => int
                [enablecompletion] => int
                [completionnotify] => int
                [lang] => string
                [forcetheme] => string
                [courseformatoptions] =>
                    Array
                        (
                        [0] =>
                            Array
                                (
                                [name] => string
                                [value] => string
                                )
                        )
                )
        )
```

REST (parâmetros POST)

```
courses[0][fullname]= string
courses[0][shortname]= string
courses[0][categoryid]= int
courses[0][idnumber]= string
courses[0][summary]= string
courses[0][summaryformat]= int
courses[0][format]= string
courses[0][showgrades]= int
courses[0][newsitems]= int
courses[0][startdate]= int
courses[0][numsections]= int
courses[0][maxbytes]= int
courses[0][showreports]= int
courses[0][visible]= int
courses[0][hiddensections]= int
courses[0][groupmode]= int
courses[0][groupmodeforce]= int
courses[0][defaultgroupingid]= int
courses[0][enablecompletion]= int
courses[0][completionnotify]= int
courses[0][lang]= string
courses[0][forcetheme]= string
courses[0][courseformatoptions][0][name]= string
courses[0][courseformatoptions][0][value]= string
```

Estrutura geral

```
list of (
object {
id int    //course id
shortname string    //short name
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [shortname] => string
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_course_get_courses

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_course_get

Argumentos

options (Padrão para "Array ( ) ")

options - operator OR is used

Estrutura geral

```
 Padrão para "Array
(
)
" //options - operator OR is used
object {
ids  Opcional //List of course id. If empty return all courses
                                    except front page course.
list of (
int    //Course id
)}
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
        [ids] =>
            Array
                (
                    [0] => int
                )
        )
```

REST (parâmetros POST)

```
options[ids][0]= int
```

Resposta

Estrutura geral

```
list of (
 //course
object {
id int    //course id
shortname string    //course short name
categoryid int    //category id
categorysortorder int  Opcional //sort order into the category
fullname string    //full name
idnumber string  Opcional //id number
summary string    //summary
summaryformat int    //summary format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
format string    //course format: weeks, topics, social, site,..
showgrades int  Opcional //1 if grades are shown, otherwise 0
newsitems int  Opcional //number of recent items appearing on the course page
startdate int    //timestamp when the course start
numsections int  Opcional //(deprecated, use courseformatoptions) number of weeks/topics
maxbytes int  Opcional //largest size of file that can be uploaded into the course
showreports int  Opcional //are activity report shown (yes = 1, no =0)
visible int  Opcional //1: available to student, 0:not available
hiddensections int  Opcional //(deprecated, use courseformatoptions) How the hidden sections in the course are displa
groupmode int  Opcional //no group, separate, visible
```

```
groupmodeforce int   Opcional //1: yes, 0: no
defaultgroupingid int   Opcional //default grouping id
timecreated int   Opcional //timestamp when the course have been created
timemodified int   Opcional //timestamp when the course have been modified
enablecompletion int   Opcional //Enabled, control via completion and activity settings. Disbaled,
                                 not shown in activity settings.
completionnotify int   Opcional //1: yes 0: no
lang string   Opcional //forced course language
forcetheme string   Opcional //name of the force theme
courseformatoptions   Opcional //additional options for particular course format
list of (
object {
name string    //course format option name
value string    //course format option value
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [shortname] => string
                    [categoryid] => int
                    [categorysortorder] => int
                    [fullname] => string
                    [idnumber] => string
                    [summary] => string
                    [summaryformat] => int
                    [format] => string
                    [showgrades] => int
                    [newsitems] => int
                    [startdate] => int
                    [numsections] => int
                    [maxbytes] => int
                    [showreports] => int
                    [visible] => int
                    [hiddensections] => int
                    [groupmode] => int
                    [groupmodeforce] => int
                    [defaultgroupingid] => int
                    [timecreated] => int
                    [timemodified] => int
                    [enablecompletion] => int
                    [completionnotify] => int
                    [lang] => string
                    [forcetheme] => string
                    [courseformatoptions] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [name] => string
                                        [value] => string
                                    )
                            )
                )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="categoryid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="categorysortorder">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="summary">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="summaryformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="format">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="showgrades">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="newsitems">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="startdate">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="numsections">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="maxbytes">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="showreports">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="hiddensections">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="groupmode">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="groupmodeforce">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="defaultgroupingid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timecreated">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="timemodified">
```

```
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="enablecompletion">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="completionnotify">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="lang">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="forcetheme">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="courseformatoptions">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="value">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_enrol_get_enrolled_users

DEPRECATED: this deprecated function will be removed in a future version. Please use core_enrol_get_enrolled_users() (prev

Argumentos

courseid (Obrigatório)
    Course id

Estrutura geral

int   *//Course id*

XML-RPC (Estrutura PHP)

[courseid] => int

REST (parâmetros POST)

courseid= int

withcapability (Padrão para "null")
    User should have this capability

Estrutura geral

string **Padrão para "null"** *//User should have this capability*

XML-RPC (Estrutura PHP)

[withcapability] => string

REST (parâmetros POST)

withcapability= string

groupid (Padrão para "null")
    Group id, null means all groups

Estrutura geral

int **Padrão para "null"** *//Group id, null means all groups*

XML-RPC (Estrutura PHP)

[groupid] => int

REST (parâmetros POST)

groupid= int

onlyactive (Padrão para "0")
    True means only active, false means all participants

Estrutura geral

int **Padrão para "0"** *//True means only active, false means all participants*

XML-RPC (Estrutura PHP)

```
[onlyactive] => int
```

REST (parâmetros POST)

```
onlyactive= int
```

Estrutura geral

```
list of (
object {
courseid int    //id of course
userid int    //id of user
firstname string  Opcional //first name of user
lastname string  Opcional //last name of user
fullname string   //fullname of user
username string  Opcional //username of user
profileimgurl string   //url of the profile image
profileimgurlsmall string   //url of the profile image (small version)
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                [courseid] => int
                [userid] => int
                [firstname] => string
                [lastname] => string
                [fullname] => string
                [username] => string
                [profileimgurl] => string
                [profileimgurlsmall] => string
                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="userid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimgurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="profileimgurlsmall">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_enrol_get_users_courses

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_enrol_get_u

userid (Obrigatório)

user id

Estrutura geral

```
int   //user id
```

XML-RPC (Estrutura PHP)

```
[userid] => int
```

REST (parâmetros POST)

```
userid= int
```

Estrutura geral

```
list of (
object {
id int    //id of course
shortname string    //short name of course
fullname string    //long name of course
enrolledusercount int    //Number of enrolled users in this course
idnumber string    //id number of course
visible int    //1 means visible, 0 means hidden course
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [shortname] => string
                    [fullname] => string
                    [enrolledusercount] => int
                    [idnumber] => string
                    [visible] => int
                )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="shortname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="enrolledusercount">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="visible">
                <VALUE>int</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_enrol_manual_enrol_users

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as enrol_manual_er

enrolments (Obrigatório)

Estrutura geral

```
list of (
object {
roleid int    //Role to assign to the user
userid int    //The user that is going to be enrolled
courseid int    //The course to enrol the user role in
timestart int  Opcional //Timestamp when the enrolment start
timeend int   Opcional //Timestamp when the enrolment end
suspend int   Opcional //set to 1 to suspend the enrolment
}
)
```

XML-RPC (Estrutura PHP)

```
[enrolments] =>
    Array
        (
        [0] =>
            Array
                (
                    [roleid] => int
                    [userid] => int
                    [courseid] => int
                    [timestart] => int
                    [timeend] => int
                    [suspend] => int
                )

        )
```

REST (parâmetros POST)

```
enrolments[0][roleid]= int
enrolments[0][userid]= int
enrolments[0][courseid]= int
```

```
enrolments[0][timestart]= int
enrolments[0][timeend]= int
enrolments[0][suspend]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_file_get_files

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_files_get_fil

Argumentos

contextid (Obrigatório)

context id Set to -1 to use contextlevel and instanceid.

Estrutura geral

```
int    //context id Set to -1 to use contextlevel and instanceid.
```

XML-RPC (Estrutura PHP)

```
[contextid] => int
```

REST (parâmetros POST)

```
contextid= int
```

component (Obrigatório)

component

Estrutura geral

```
string    //component
```

XML-RPC (Estrutura PHP)

```
[component] => string
```

REST (parâmetros POST)

```
component= string
```

filearea (Obrigatório)

file area

Estrutura geral

```
string   //file area
```

XML-RPC (Estrutura PHP)

```
[filearea] => string
```

REST (parâmetros POST)

```
filearea= string
```

itemid (Obrigatório)

associated id

Estrutura geral

```
int   //associated id
```

XML-RPC (Estrutura PHP)

```
[itemid] => int
```

REST (parâmetros POST)

```
itemid= int
```

filepath (Obrigatório)

file path

Estrutura geral

```
string   //file path
```

XML-RPC (Estrutura PHP)

```
[filepath] => string
```

REST (parâmetros POST)

```
filepath= string
```

filename (Obrigatório)
    file name

Estrutura geral

```
string   //file name
```

XML-RPC (Estrutura PHP)

```
[filename] => string
```

REST (parâmetros POST)

```
filename= string
```

modified (Padrão para "null")
    timestamp to return files changed after this time.

Estrutura geral

```
int  Padrão para "null" //timestamp to return files changed after this time.
```

XML-RPC (Estrutura PHP)

```
[modified] => int
```

REST (parâmetros POST)

```
modified= int
```

contextlevel (Padrão para "null")
    The context level for the file location.

Estrutura geral

```
string  Padrão para "null" //The context level for the file location.
```

XML-RPC (Estrutura PHP)

```
[contextlevel] => string
```

REST (parâmetros POST)

```
contextlevel= string
```

instanceid (Padrão para "null")
    The instance id for where the file is located.

Estrutura geral

```
int  Padrão para "null" //The instance id for where the file is located.
```

XML-RPC (Estrutura PHP)

```
[instanceid] => int
```

REST (parâmetros POST)

```
instanceid= int
```

Resposta

Estrutura geral

```
object {
parents list of (
object {
contextid int component string filearea string itemid int filepath string filename string }
)files list of (
object {
contextid int component string filearea string itemid int filepath string filename string isdir int url string timemc
)}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [parents] =>
                Array
                    (
                        [0] =>
                            Array
                                (
                                    [contextid] => int
                                    [component] => string
                                    [filearea] => string
                                    [itemid] => int
                                    [filepath] => string
                                    [filename] => string
                                )
                    )
            [files] =>
                Array
```

```
                (
                [0] =>
                        Array
                            (
                            [contextid] => int
                            [component] => string
                            [filearea] => string
                            [itemid] => int
                            [filepath] => string
                            [filename] => string
                            [isdir] => int
                            [url] => string
                            [timemodified] => int
                            )
                )
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="parents">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filearea">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="filepath">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filename">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="files">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="contextid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="component">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filearea">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="itemid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="filepath">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="filename">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="isdir">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="url">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timemodified">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_file_upload

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_files_upload

Argumentos

contextid (Padrão para "null")

context id

Estrutura geral

```
int    Padrão para "null" //context id
```

XML-RPC (Estrutura PHP)

```
[contextid] => int
```

REST (parâmetros POST)

```
contextid= int
```

component (Obrigatório)

component

Estrutura geral

string   *//component*

XML-RPC (Estrutura PHP)

[component] => string

REST (parâmetros POST)

component= string

filearea (Obrigatório)
    file area

Estrutura geral

string   *//file area*

XML-RPC (Estrutura PHP)

[filearea] => string

REST (parâmetros POST)

filearea= string

itemid (Obrigatório)
    associated id

Estrutura geral

int   *//associated id*

XML-RPC (Estrutura PHP)

[itemid] => int

REST (parâmetros POST)

itemid= int

filepath (Obrigatório)
    file path

Estrutura geral

string   *//file path*

XML-RPC (Estrutura PHP)

[filepath] => string

REST (parâmetros POST)

filepath= string

filename (Obrigatório)
    file name

Estrutura geral

string   *//file name*

XML-RPC (Estrutura PHP)

[filename] => string

REST (parâmetros POST)

filename= string

filecontent (Obrigatório)
    file content

Estrutura geral

string   *//file content*

XML-RPC (Estrutura PHP)

[filecontent] => string

REST (parâmetros POST)

filecontent= string

contextlevel (Padrão para "null")
    The context level to put the file in, (block, course, coursecat, system, user, module)

Estrutura geral

string   **Padrão para "null"** *//The context level to put the file in,*

(block, course, coursecat, system, user, module)

XML-RPC (Estrutura PHP)

```
[contextlevel] => string
```

REST (parâmetros POST)

```
contextlevel= string
```

---

instanceid (Padrão para "null")
> The Instance id of item associated with the context level

Estrutura geral

```
int   Padrão para "null" //The Instance id of item associated
                          with the context level
```

XML-RPC (Estrutura PHP)

```
[instanceid] => int
```

REST (parâmetros POST)

```
instanceid= int
```

Resposta

Estrutura geral

```
object {
contextid int component string filearea string itemid int filepath string filename string url string }
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [contextid] => int
        [component] => string
        [filearea] => string
        [itemid] => int
        [filepath] => string
        [filename] => string
        [url] => string
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="contextid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="component">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="filearea">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="itemid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="filepath">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="filename">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="url">
            <VALUE>string</VALUE>
        </KEY>
    </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

moodle_group_add_groupmembers

> DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_add

---

Argumentos
members (Obrigatório)

Estrutura geral

```
list of (
object {
groupid int    //group record id
userid int    //user id
}
)
```

XML-RPC (Estrutura PHP)

```
[members] =>
    Array
        (
        [0] =>
            Array
                (
                [groupid] => int
                [userid] => int
                )
        )
```

REST (parâmetros POST)

```
members[0][groupid]= int
members[0][userid]= int
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_group_create_groups

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_crea

Argumentos

groups (Obrigatório)
    List of group object. A group has a courseid, a name, a description and an enrolment key.

Estrutura geral

```
 //List of group object. A group has a courseid, a name, a description and an enrolment key.
list of (
object {
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int  Padrão para "1" //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string  Opcional //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
[groups] =>
    Array
        (
        [0] =>
            Array
                (
                [courseid] => int
                [name] => string
                [description] => string
                [descriptionformat] => int
                [enrolmentkey] => string
                )
        )
```

REST (parâmetros POST)

```
groups[0][courseid]= int
groups[0][name]= string
groups[0][description]= string
groups[0][descriptionformat]= int
groups[0][enrolmentkey]= string
```

Resposta
List of group object. A group has an id, a courseid, a name, a description and an enrolment key.

Estrutura geral

```
 //List of group object. A group has an id, a courseid, a name, a description and an enrolment key.
list of (
object {
id int    //group record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string    //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
```

```
                    (
                [0] =>
                    Array
                        (
                            [id] => int
                            [courseid] => int
                            [name] => string
                            [description] => string
                            [descriptionformat] => int
                            [enrolmentkey] => string
                        )

                )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_group_delete_groupmembers

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_dele

Argumentos
members (Obrigatório)

Estrutura geral

```
list of (
object {
groupid int    //group record id
userid int    //user id
}
)
```

XML-RPC (Estrutura PHP)

```
[members] =>
    Array
        (
        [0] =>
            Array
                (
                    [groupid] => int
                    [userid] => int
                )

        )
```

REST (parâmetros POST)

```
members[0][groupid]= int
members[0][userid]= int
```

Resposta

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_group_delete_groups

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_dele

groupids (Obrigatório)

Estrutura geral

```
list of (
int    //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

---

moodle_group_get_course_groups

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_get_

Argumentos
courseid (Obrigatório)
     id of course

Estrutura geral

```
int    //id of course
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //group record id
courseid int    //id of course
name string    //multilang compatible name, course unique
description string    //group description text
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string    //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [courseid] => int
                        [name] => string
                        [description] => string
                        [descriptionformat] => int
                        [enrolmentkey] => string
                    )

        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
```

```
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_group_get_groupmembers

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_get_

groupids (Obrigatório)

Estrutura geral

```
list of (
int    //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Estrutura geral

```
list of (
object {
groupid int    //group record id
userids list of (
int    //user id
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [groupid] => int
                        [userids] =>
                            Array
                                (
                                    [0] => int
                                )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="groupid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="userids">
                <MULTIPLE>
                    <VALUE>int</VALUE>
                </MULTIPLE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
```

```
</EXCEPTION>
```

moodle_group_get_groups

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_group_get_

groupids (Obrigatório)

List of group id. A group id is an integer.

Estrutura geral

```
 //List of group id. A group id is an integer.
list of (
int   //Group ID
)
```

XML-RPC (Estrutura PHP)

```
[groupids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
groupids[0]= int
```

Estrutura geral

```
list of (
object {
id int   //group record id
courseid int   //id of course
name string   //multilang compatible name, course unique
description string   //group description text
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
enrolmentkey string   //group enrol secret phrase
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [courseid] => int
                        [name] => string
                        [description] => string
                        [descriptionformat] => int
                        [enrolmentkey] => string
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="courseid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="name">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="description">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="descriptionformat">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="enrolmentkey">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_message_send_instantmessages

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_message_s

messages (Obrigatório)

```
Estrutura geral

list of (
object {
touserid int   //id of the user to send the private message
text string   //the text of the message
textformat int  Padrão para "1" //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
clientmsgid string  Opcional //your own client id for the message. If this id is provided, the fail message id will k
}
)
```

```
XML-RPC (Estrutura PHP)

[messages] =>
     Array
         (
         [0] =>
             Array
                 (
                 [touserid] => int
                 [text] => string
                 [textformat] => int
                 [clientmsgid] => string
                 )

         )
```

```
REST (parâmetros POST)

messages[0][touserid]= int
messages[0][text]= string
messages[0][textformat]= int
messages[0][clientmsgid]= string
```

Resposta

```
Estrutura geral

list of (
object {
msgid int   //test this to know if it succeeds:  id of the created message if it succeeded, -1 when failed
clientmsgid string  Opcional //your own id for the message
errormessage string  Opcional //error message - if it failed
}
)
```

```
XML-RPC (Estrutura PHP)

     Array
         (
         [0] =>
             Array
                 (
                 [msgid] => int
                 [clientmsgid] => string
                 [errormessage] => string
                 )

         )
```

```
REST

<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="msgid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="clientmsgid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="errormessage">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

```
REST

<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_notes_create_notes

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_notes_crea

Argumentos
notes (Obrigatório)

```
Estrutura geral

list of (
object {
userid int   //id of the user the note is about
publishstate string   //'personal', 'course' or 'site'
courseid int   //course id of the note (in Moodle a note can only be created into a course, even for site and persona
text string   //the text of the message - text or HTML
```

```
    format int  Padrão para "1" //text format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
    clientnoteid string  Opcional //your own client id for the note. If this id is provided, the fail message id will be
}
)
```

XML-RPC (Estrutura PHP)

```
[notes] =>
    Array
        (
        [0] =>
            Array
                (
                    [userid] => int
                    [publishstate] => string
                    [courseid] => int
                    [text] => string
                    [format] => int
                    [clientnoteid] => string
                    )
        )
```

REST (parâmetros POST)

```
notes[0][userid]= int
notes[0][publishstate]= string
notes[0][courseid]= int
notes[0][text]= string
notes[0][format]= int
notes[0][clientnoteid]= string
```

Resposta

Estrutura geral

```
list of (
object {
clientnoteid string  Opcional //your own id for the note
noteid int   //test this to know if it success: id of the created note when successed, -1 when failed
errormessage string  Opcional //error message - if failed
}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [clientnoteid] => string
                    [noteid] => int
                    [errormessage] => string
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="clientnoteid">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="noteid">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="errormessage">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_role_assign

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_role_assign

Argumentos

assignments (Obrigatório)

Estrutura geral

```
list of (
object {
roleid int   //Role to assign to the user
userid int   //The user that is going to be assigned
contextid int  Opcional //The context to assign the user role in
contextlevel string  Opcional //The context level to assign the user role in
                    (block, course, coursecat, system, user, module)
instanceid int  Opcional //The Instance id of item where the role needs to be assigned
}
)
```

XML-RPC (Estrutura PHP)

```
[assignments] =>
```

```
    Array
        (
            [0] =>
                Array
                    (
                        [roleid] => int
                        [userid] => int
                        [contextid] => int
                        [contextlevel] => string
                        [instanceid] => int
                    )
        )
```

REST (parâmetros POST)

```
assignments[0][roleid]= int
assignments[0][userid]= int
assignments[0][contextid]= int
assignments[0][contextlevel]= string
assignments[0][instanceid]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_role_unassign

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_role_unass

Argumentos

unassignments (Obrigatório)

Estrutura geral

```
list of (
object {
roleid int    //Role to assign to the user
userid int    //The user that is going to be assigned
contextid int   Opcional //The context to unassign the user role from
contextlevel string   Opcional //The context level to unassign the user role in
+                               (block, course, coursecat, system, user, module)
instanceid int   Opcional //The Instance id of item where the role needs to be unassigned
}
)
```

XML-RPC (Estrutura PHP)

```
[unassignments] =>
    Array
        (
            [0] =>
                Array
                    (
                        [roleid] => int
                        [userid] => int
                        [contextid] => int
                        [contextlevel] => string
                        [instanceid] => int
                    )
        )
```

REST (parâmetros POST)

```
unassignments[0][roleid]= int
unassignments[0][userid]= int
unassignments[0][contextid]= int
unassignments[0][contextlevel]= string
unassignments[0][instanceid]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_create_users

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_user_create

Argumentos

users (Obrigatório)

```
Estrutura geral

list of (
object {
username string   //Username policy is defined in Moodle security config.
password string   //Plain text password consisting of any characters
firstname string   //The first name(s) of the user
lastname string   //The family name of the user
email string   //A valid and unique email address
auth string  Padrão para "manual" //Auth plugins include manual, ldap, imap, etc
idnumber string  Padrão para "" //An arbitrary ID code number perhaps from the institution
lang string  Padrão para "pt_br" //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description, no HTML
city string  Opcional //Home city of the user
country string  Opcional //Home country code of the user, such as AU or CZ
firstnamephonetic string  Opcional //The first name(s) phonetically of the user
lastnamephonetic string  Opcional //The family name phonetically of the user
middlename string  Opcional //The middle name of the user
alternatename string  Opcional //The alternate name of the user
preferences  Opcional //User preferences
list of (
object {
type string   //The name of the preference
value string   //The value of the preference
}
)customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string   //The name of the custom field
value string   //The value of the custom field
}
)}
)
```

```
XML-RPC (Estrutura PHP)

[users] =>
    Array
        (
            [0] =>
                Array
                    (
                        [username] => string
                        [password] => string
                        [firstname] => string
                        [lastname] => string
                        [email] => string
                        [auth] => string
                        [idnumber] => string
                        [lang] => string
                        [theme] => string
                        [timezone] => string
                        [mailformat] => int
                        [description] => string
                        [city] => string
                        [country] => string
                        [firstnamephonetic] => string
                        [lastnamephonetic] => string
                        [middlename] => string
                        [alternatename] => string
                        [preferences] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                        [customfields] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                    )
        )
```

```
REST (parâmetros POST)

users[0][username]= string
users[0][password]= string
users[0][firstname]= string
users[0][lastname]= string
users[0][email]= string
users[0][auth]= string
users[0][idnumber]= string
users[0][lang]= string
users[0][theme]= string
users[0][timezone]= string
users[0][mailformat]= int
users[0][description]= string
users[0][city]= string
users[0][country]= string
users[0][firstnamephonetic]= string
users[0][lastnamephonetic]= string
users[0][middlename]= string
users[0][alternatename]= string
users[0][preferences][0][type]= string
users[0][preferences][0][value]= string
users[0][customfields][0][type]= string
users[0][customfields][0][value]= string
```

Resposta

```
Estrutura geral

list of (
object {
id int   //user id
username string   //user name
}
)
```

```
XML-RPC (Estrutura PHP)

    Array
```

```
            (
            [0] =>
                Array
                    (
                        [id] => int
                        [username] => string
                    )
            )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
    </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_delete_users

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_user_delete

Argumentos
userids (Obrigatório)

Estrutura geral

```
list of (
int    //user ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_get_course_participants_by_id

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_user_get_c

Argumentos
userlist (Obrigatório)

Estrutura geral

```
list of (
object {
userid int    //userid
courseid int    //courseid
}
)
```

XML-RPC (Estrutura PHP)

```
[userlist] =>
    Array
        (
            [0] =>
```

```
            Array
                (
                    [userid] => int
                    [courseid] => int
                )
        )
```

REST (parâmetros POST)

```
userlist[0][userid]= int
userlist[0][courseid]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int   //ID of the user
username string  Opcional //The username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string   //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
confirmed int  Opcional //Active user: 1 if confirmed, 0 otherwise
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string   //User image profile URL - small version
profileimageurl string   //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string   //The type of the custom field - text field, checkbox...
value string   //The value of the custom field
name string   //The name of the custom field
shortname string   //The shortname of the custom field - to be able to build the field class in the code
}
)preferences  Opcional //Users preferences
list of (
object {
name string   //The name of the preferences
value string   //The value of the custom field
}
)groups  Opcional //user groups
list of (
object {
id int   //group id
name string   //group name
description string   //group description
descriptionformat int   //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)roles  Opcional //user roles
list of (
object {
roleid int   //role id
name string   //role name
shortname string   //role shortname
sortorder int   //role sortorder
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int   //Id of the course
fullname string   //Fullname of the course
shortname string   //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [username] => string
                        [firstname] => string
                        [lastname] => string
                        [fullname] => string
                        [email] => string
                        [address] => string
                        [phone1] => string
                        [phone2] => string
                        [icq] => string
                        [skype] => string
                        [yahoo] => string
                        [aim] => string
                        [msn] => string
                        [department] => string
                        [institution] => string
                        [idnumber] => string
                        [interests] => string
                        [firstaccess] => int
                        [lastaccess] => int
                        [auth] => string
                        [confirmed] => int
                        [lang] => string
                        [theme] => string
                        [timezone] => string
                        [mailformat] => int
                        [description] => string
                        [descriptionformat] => int
                        [city] => string
                        [url] => string
                        [country] => string
```

```
                                    [profileimageurlsmall] => string
                                    [profileimageurl] => string
                                    [customfields] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [type] => string
                                                            [value] => string
                                                            [name] => string
                                                            [shortname] => string
                                                        )
                                            )
                                    [preferences] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [name] => string
                                                            [value] => string
                                                        )
                                            )
                                    [groups] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [id] => int
                                                            [name] => string
                                                            [description] => string
                                                            [descriptionformat] => int
                                                        )
                                            )
                                    [roles] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [roleid] => int
                                                            [name] => string
                                                            [shortname] => string
                                                            [sortorder] => int
                                                        )
                                            )
                                    [enrolledcourses] =>
                                        Array
                                            (
                                                [0] =>
                                                    Array
                                                        (
                                                            [id] => int
                                                            [fullname] => string
                                                            [shortname] => string
                                                        )
                                            )
                                )
                    )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="address">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone1">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone2">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="icq">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="skype">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="yahoo">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="aim">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="msn">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="department">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="institution">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="interests">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lastaccess">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="auth">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="confirmed">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="lang">
                <VALUE>string</VALUE>
```

```xml
                </KEY>
                <KEY name="theme">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="timezone">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="mailformat">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="description">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="descriptionformat">
                    <VALUE>int</VALUE>
                </KEY>
                <KEY name="city">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="url">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="country">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="profileimageurlsmall">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="profileimageurl">
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="customfields">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="type">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="value">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="shortname">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
                <KEY name="preferences">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="value">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
                <KEY name="groups">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="id">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="description">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="descriptionformat">
                                <VALUE>int</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
                <KEY name="roles">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="roleid">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="name">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="shortname">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="sortorder">
                                <VALUE>int</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
                <KEY name="enrolledcourses">
                    <MULTIPLE>
                        <SINGLE>
                            <KEY name="id">
                                <VALUE>int</VALUE>
                            </KEY>
                            <KEY name="fullname">
                                <VALUE>string</VALUE>
                            </KEY>
                            <KEY name="shortname">
                                <VALUE>string</VALUE>
                            </KEY>
                        </SINGLE>
                    </MULTIPLE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_get_users_by_courseid

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_enrol_get_

courseid (Obrigatório)
    course id

Estrutura geral

```
int   //course id
```

XML-RPC (Estrutura PHP)

```
[courseid] => int
```

REST (parâmetros POST)

```
courseid= int
```

---

options (Padrão para "Array ( ) ")
    Option names: * withcapability (string) return only users with this capability. This option requires 'moodle/role:review' on the course context. * groupid (integer) (integer) sql limit from. * limitnumber (integer) maximum number of returned users.

Estrutura geral

```
 Padrão para "Array
(
)
" //Option names:
                         * withcapability (string) return only users with this capability. This option requires 'm
                         * groupid (integer) return only users in this group id. This option requires 'moodle/site
                         * onlyactive (integer) return only users with active enrolments and matching time restric
                         * userfields ('string, string, ...') return only the values of these user fields.
                         * limitfrom (integer) sql limit from.
                         * limitnumber (integer) maximum number of returned users.
list of (
object {
name string    //option name
value string    //option value
}
)
```

XML-RPC (Estrutura PHP)

```
[options] =>
    Array
        (
        [0] =>
            Array
                (
                    [name] => string
                    [value] => string
                )
        )
```

REST (parâmetros POST)

```
options[0][name]= string
options[0][value]= string
```

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //Username policy is defined in Moodle security config
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string  Opcional //User image profile URL - small version
profileimageurl string  Opcional //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string    //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)groups  Opcional //user groups
list of (
object {
id int    //group id
name string    //group name
description string    //group description
descriptionformat int    //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
}
)roles  Opcional //user roles
list of (
object {
roleid int    //role id
name string    //role name
shortname string    //role shortname
sortorder int    //role sortorder
```

```
}
)preferences   Opcional //User preferences
list of (
object {
name string   //The name of the preferences
value string   //The value of the custom field
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int   //Id of the course
fullname string   //Fullname of the course
shortname string   //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                    [firstname] => string
                    [lastname] => string
                    [fullname] => string
                    [email] => string
                    [address] => string
                    [phone1] => string
                    [phone2] => string
                    [icq] => string
                    [skype] => string
                    [yahoo] => string
                    [aim] => string
                    [msn] => string
                    [department] => string
                    [institution] => string
                    [idnumber] => string
                    [interests] => string
                    [firstaccess] => int
                    [lastaccess] => int
                    [description] => string
                    [descriptionformat] => int
                    [city] => string
                    [url] => string
                    [country] => string
                    [profileimageurlsmall] => string
                    [profileimageurl] => string
                    [customfields] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [type] => string
                                        [value] => string
                                        [name] => string
                                        [shortname] => string
                                    )
                            )
                    [groups] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [id] => int
                                        [name] => string
                                        [description] => string
                                        [descriptionformat] => int
                                    )
                            )
                    [roles] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [roleid] => int
                                        [name] => string
                                        [shortname] => string
                                        [sortorder] => int
                                    )
                            )
                    [preferences] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [name] => string
                                        [value] => string
                                    )
                            )
                    [enrolledcourses] =>
                        Array
                            (
                            [0] =>
                                Array
                                    (
                                        [id] => int
                                        [fullname] => string
                                        [shortname] => string
                                    )
                            )
                    )
        )
```

REST

```
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
```

```
        </KEY>
        <KEY name="address">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="phone1">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="phone2">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="icq">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="skype">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="yahoo">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="aim">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="msn">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="department">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="institution">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="idnumber">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="interests">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="firstaccess">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="lastaccess">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="description">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="descriptionformat">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="city">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="url">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="country">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="profileimageurlsmall">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="profileimageurl">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="customfields">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="type">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="value">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="shortname">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="groups">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="descriptionformat">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="roles">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="roleid">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="shortname">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="sortorder">
                        <VALUE>int</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="preferences">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="name">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="value">
                        <VALUE>string</VALUE>
                    </KEY>
                </SINGLE>
            </MULTIPLE>
        </KEY>
        <KEY name="enrolledcourses">
            <MULTIPLE>
                <SINGLE>
                    <KEY name="id">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="fullname">
```

```
                    <VALUE>string</VALUE>
                </KEY>
                <KEY name="shortname">
                    <VALUE>string</VALUE>
                </KEY>
            </SINGLE>
        </MULTIPLE>
    </KEY>
            </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_get_users_by_id

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_user_get_u

Argumentos

userids (Obrigatório)

Estrutura geral

```
list of (
int    //user ID
)
```

XML-RPC (Estrutura PHP)

```
[userids] =>
    Array
        (
            [0] => int
        )
```

REST (parâmetros POST)

```
userids[0]= int
```

Resposta

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //The username
firstname string  Opcional //The first name(s) of the user
lastname string  Opcional //The family name of the user
fullname string    //The fullname of the user
email string  Opcional //An email address - allow email as root@localhost
address string  Opcional //Postal address
phone1 string  Opcional //Phone 1
phone2 string  Opcional //Phone 2
icq string  Opcional //icq number
skype string  Opcional //skype id
yahoo string  Opcional //yahoo id
aim string  Opcional //aim id
msn string  Opcional //msn number
department string  Opcional //department
institution string  Opcional //institution
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
interests string  Opcional //user interests (separated by commas)
firstaccess int  Opcional //first access to the site (0 if never)
lastaccess int  Opcional //last access to the site (0 if never)
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
confirmed int  Opcional //Active user: 1 if confirmed, 0 otherwise
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description
descriptionformat int  Opcional //description format (1 = HTML, 0 = MOODLE, 2 = PLAIN or 4 = MARKDOWN)
city string  Opcional //Home city of the user
url string  Opcional //URL of the user
country string  Opcional //Home country code of the user, such as AU or CZ
profileimageurlsmall string    //User image profile URL - small version
profileimageurl string    //User image profile URL - big version
customfields  Opcional //User custom fields (also known as user profile fields)
list of (
object {
type string    //The type of the custom field - text field, checkbox...
value string    //The value of the custom field
name string    //The name of the custom field
shortname string    //The shortname of the custom field - to be able to build the field class in the code
}
)preferences  Opcional //Users preferences
list of (
object {
name string    //The name of the preferences
value string    //The value of the custom field
}
)enrolledcourses  Opcional //Courses where the user is enrolled - limited by which courses the user is able to see
list of (
object {
id int    //Id of the course
fullname string    //Fullname of the course
shortname string    //Shortname of the course
}
)}
)
```

XML-RPC (Estrutura PHP)

```
Array
    (
        [0] =>
            Array
                (
                    [id] => int
                    [username] => string
                    [firstname] => string
                    [lastname] => string
                    [fullname] => string
                    [email] => string
                    [address] => string
                    [phone1] => string
                    [phone2] => string
                    [icq] => string
                    [skype] => string
                    [yahoo] => string
                    [aim] => string
                    [msn] => string
                    [department] => string
                    [institution] => string
                    [idnumber] => string
                    [interests] => string
                    [firstaccess] => int
                    [lastaccess] => int
                    [auth] => string
                    [confirmed] => int
                    [lang] => string
                    [theme] => string
                    [timezone] => string
                    [mailformat] => int
                    [description] => string
                    [descriptionformat] => int
                    [city] => string
                    [url] => string
                    [country] => string
                    [profileimageurlsmall] => string
                    [profileimageurl] => string
                    [customfields] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [type] => string
                                            [value] => string
                                            [name] => string
                                            [shortname] => string
                                        )
                            )
                    [preferences] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [name] => string
                                            [value] => string
                                        )
                            )
                    [enrolledcourses] =>
                        Array
                            (
                                [0] =>
                                    Array
                                        (
                                            [id] => int
                                            [fullname] => string
                                            [shortname] => string
                                        )
                            )
                )
    )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <MULTIPLE>
        <SINGLE>
            <KEY name="id">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="username">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="firstname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="lastname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="fullname">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="email">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="address">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone1">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="phone2">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="icq">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="skype">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="yahoo">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="aim">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="msn">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="department">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="institution">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="idnumber">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="interests">
                <VALUE>string</VALUE>
            </KEY>
```

```xml
                    <KEY name="firstaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lastaccess">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="auth">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="confirmed">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="lang">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="theme">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="timezone">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="mailformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="description">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="descriptionformat">
                        <VALUE>int</VALUE>
                    </KEY>
                    <KEY name="city">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="url">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="country">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurlsmall">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="profileimageurl">
                        <VALUE>string</VALUE>
                    </KEY>
                    <KEY name="customfields">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="type">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="shortname">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                    <KEY name="preferences">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="name">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="value">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                    <KEY name="enrolledcourses">
                        <MULTIPLE>
                            <SINGLE>
                                <KEY name="id">
                                    <VALUE>int</VALUE>
                                </KEY>
                                <KEY name="fullname">
                                    <VALUE>string</VALUE>
                                </KEY>
                                <KEY name="shortname">
                                    <VALUE>string</VALUE>
                                </KEY>
                            </SINGLE>
                        </MULTIPLE>
                    </KEY>
                </SINGLE>
        </MULTIPLE>
</RESPONSE>
```

Mensagem de erro

REST

```xml
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_user_update_users

DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_user_updat

Argumentos

users (Obrigatório)

Estrutura geral

```
list of (
object {
id int    //ID of the user
username string  Opcional //Username policy is defined in Moodle security config.
password string  Opcional //Plain text password consisting of any characters
firstname string  Opcional //The first name(s) of the user
```

```
lastname string  Opcional //The family name of the user
email string  Opcional //A valid and unique email address
auth string  Opcional //Auth plugins include manual, ldap, imap, etc
idnumber string  Opcional //An arbitrary ID code number perhaps from the institution
lang string  Opcional //Language code such as "en", must exist on server
theme string  Opcional //Theme name such as "standard", must exist on server
timezone string  Opcional //Timezone code such as Australia/Perth, or 99 for default
mailformat int  Opcional //Mail format code is 0 for plain text, 1 for HTML etc
description string  Opcional //User profile description, no HTML
city string  Opcional //Home city of the user
country string  Opcional //Home country code of the user, such as AU or CZ
firstnamephonetic string  Opcional //The first name(s) phonetically of the user
lastnamephonetic string  Opcional //The family name phonetically of the user
middlename string  Opcional //The middle name of the user
alternatename string  Opcional //The alternate name of the user
customfields  Opcional //User custom fields (also known as user profil fields)
list of (
object {
type string    //The name of the custom field
value string    //The value of the custom field
}
)preferences  Opcional //User preferences
list of (
object {
type string    //The name of the preference
value string    //The value of the preference
}
)}
)
```

XML-RPC (Estrutura PHP)

```
[users] =>
    Array
        (
            [0] =>
                Array
                    (
                        [id] => int
                        [username] => string
                        [password] => string
                        [firstname] => string
                        [lastname] => string
                        [email] => string
                        [auth] => string
                        [idnumber] => string
                        [lang] => string
                        [theme] => string
                        [timezone] => string
                        [mailformat] => int
                        [description] => string
                        [city] => string
                        [country] => string
                        [firstnamephonetic] => string
                        [lastnamephonetic] => string
                        [middlename] => string
                        [alternatename] => string
                        [customfields] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                        [preferences] =>
                            Array
                                (
                                    [0] =>
                                        Array
                                            (
                                                [type] => string
                                                [value] => string
                                            )
                                )
                    )
        )
```

REST (parâmetros POST)

```
users[0][id]= int
users[0][username]= string
users[0][password]= string
users[0][firstname]= string
users[0][lastname]= string
users[0][email]= string
users[0][auth]= string
users[0][idnumber]= string
users[0][lang]= string
users[0][theme]= string
users[0][timezone]= string
users[0][mailformat]= int
users[0][description]= string
users[0][city]= string
users[0][country]= string
users[0][firstnamephonetic]= string
users[0][lastnamephonetic]= string
users[0][middlename]= string
users[0][alternatename]= string
users[0][customfields][0][type]= string
users[0][customfields][0][value]= string
users[0][preferences][0][type]= string
users[0][preferences][0][value]= string
```

Resposta

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```

moodle_webservice_get_siteinfo

> DEPRECATED: this deprecated function will be removed in a future version. This function has be renamed as core_webservice

Argumentos

serviceshortnames (Padrão para "Array ( ) ")

DEPRECATED PARAMETER - it was a design error in the original implementation. \ It is ignored now. (parameter kept for backward compatibility)

Estrutura geral

```
 Padrão para "Array
(
)
" //DEPRECATED PARAMETER - it was a design error in the original implementation. \
                    It is ignored now. (parameter kept for backward compatibility)
list of (
string    //service shortname
)
```

XML-RPC (Estrutura PHP)

```
[serviceshortnames] =>
    Array
        (
        [0] => string
        )
```

REST (parâmetros POST)

```
serviceshortnames[0]= string
```

Resposta

Estrutura geral

```
object {
sitename string    //site name
username string    //username
firstname string    //first name
lastname string    //last name
fullname string    //user full name
lang string    //user language
userid int    //user id
siteurl string    //site url
userpictureurl string    //the user profile picture.
                Warning: this url is the public URL that only works when forcelogin is set to NO and guestaccess
                In order to retrieve user profile pictures independently of the Moodle config, replace "pluginfil
                "webservice/pluginfile.php?token=WSTOKEN&file="
                Of course the user can only see profile picture depending
                on his/her permissions. Moreover it is recommended to use HTTPS too.
functions list of (
   //functions that are available
object {
name string    //function name
version string    //The version number of the component to which the function belongs
}
)downloadfiles int  Opcional //1 if users are allowed to download files, 0 if not
uploadfiles int  Opcional //1 if users are allowed to upload files, 0 if not
release string  Opcional //Moodle release number
version string  Opcional //Moodle version number
mobilecssurl string  Opcional //Mobile custom CSS theme
}
```

XML-RPC (Estrutura PHP)

```
    Array
        (
        [sitename] => string
        [username] => string
        [firstname] => string
        [lastname] => string
        [fullname] => string
        [lang] => string
        [userid] => int
        [siteurl] => string
        [userpictureurl] => string
        [functions] =>
            Array
                (
                [0] =>
                    Array
                        (
                        [name] => string
                        [version] => string
                        )
                )
        [downloadfiles] => int
        [uploadfiles] => int
        [release] => string
        [version] => string
        [mobilecssurl] => string
        )
```

REST

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
    <SINGLE>
        <KEY name="sitename">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="username">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="firstname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="lastname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="fullname">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="lang">
            <VALUE>string</VALUE>
        </KEY>
        <KEY name="userid">
            <VALUE>int</VALUE>
        </KEY>
        <KEY name="siteurl">
            <VALUE>string</VALUE>
        </KEY>
```

```
            <KEY name="userpictureurl">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="functions">
                <MULTIPLE>
                    <SINGLE>
                        <KEY name="name">
                            <VALUE>string</VALUE>
                        </KEY>
                        <KEY name="version">
                            <VALUE>string</VALUE>
                        </KEY>
                    </SINGLE>
                </MULTIPLE>
            </KEY>
            <KEY name="downloadfiles">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="uploadfiles">
                <VALUE>int</VALUE>
            </KEY>
            <KEY name="release">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="version">
                <VALUE>string</VALUE>
            </KEY>
            <KEY name="mobilecssurl">
                <VALUE>string</VALUE>
            </KEY>
        </SINGLE>
</RESPONSE>
```

Mensagem de erro

REST

```
<?xml version="1.0" encoding="UTF-8"?>
<EXCEPTION class="invalid_parameter_exception">
    <MESSAGE>Valor inválido de parâmetro detectado</MESSAGE>
    <DEBUGINFO></DEBUGINFO>
</EXCEPTION>
```