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import xbmc, xbmcaddon, xbmcgui, xbmcplugin, os, sys, xbmcvfs, glob

import shutil

import urllib2,urllib

import re

import uservar

import time

try: from sqlite3 import dbapi2 as database

except: from pysqlite2 import dbapi2 as database

from datetime import date, datetime, timedelta

from resources.libs import wizard as wiz

ADDON\_ID = uservar.ADDON\_ID

ADDONTITLE = uservar.ADDONTITLE

ADDON = wiz.addonId(ADDON\_ID)

DIALOG = xbmcgui.Dialog()

HOME = xbmc.translatePath('special://home/')

ADDONS = os.path.join(HOME, 'addons')

USERDATA = os.path.join(HOME, 'userdata')

PLUGIN = os.path.join(ADDONS, ADDON\_ID)

PACKAGES = os.path.join(ADDONS, 'packages')

ADDONDATA = os.path.join(USERDATA, 'addon\_data', ADDON\_ID)

ADDOND = os.path.join(USERDATA, 'addon\_data')

ALLUCFOLD = os.path.join(ADDONDATA, 'Alluc')

ICON = os.path.join(PLUGIN, 'icon.png')

TODAY = date.today()

TOMORROW = TODAY + timedelta(days=1)

THREEDAYS = TODAY + timedelta(days=3)

KEEPALLUC = wiz.getS('keepalluc')

ALLUCSAVE = wiz.getS('alluclastsave')

COLOR1 = uservar.COLOR1

COLOR2 = uservar.COLOR2

ORDER = ['nan', 'notsure', 'specto', 'covenant', 'bennu', 'deathstreams']

ALLUCID = {

'nan': {

'name' : 'Nan Scrapers',

'plugin' : 'script.module.nanscrapers',

'saved' : 'allucnan',

'path' : os.path.join(ADDONS, 'script.module.nanscrapers'),

'icon' : os.path.join(ADDONS, 'script.module.nanscrapers', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'script.module.nanscrapers', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'nan\_alluc'),

'settings' : os.path.join(ADDOND, 'script.module.nanscrapers', 'settings.xml'),

'default' : 'Alluc\_user',

'data' : ['Alluc\_enabled', 'Alluc\_max', 'Alluc\_user', 'Alluc\_pw'],

'activate' : ''},

'notsure': {

'name' : 'Not Sure',

'plugin' : 'plugin.video.sedundnes',

'saved' : 'allucnotsure',

'path' : os.path.join(ADDONS, 'plugin.video.sedundnes'),

'icon' : os.path.join(ADDONS, 'plugin.video.sedundnes', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'plugin.video.sedundnes', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'notsure\_alluc'),

'settings' : os.path.join(ADDOND, 'plugin.video.sedundnes', 'settings.xml'),

'default' : '',

'data' : ['alluc.api'],

'activate' : ''},

'covenant': {

'name' : 'Covenant',

'plugin' : 'plugin.video.covenant',

'saved' : 'alluccovenant',

'path' : os.path.join(ADDONS, 'plugin.video.covenant'),

'icon' : os.path.join(ADDONS, 'plugin.video.covenant', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'plugin.video.covenant', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'covenant\_alluc'),

'settings' : os.path.join(ADDOND, 'plugin.video.covenant', 'settings.xml'),

'default' : '',

'data' : ['alluc.api'],

'activate' : ''},

'bennu': {

'name' : 'BENNU ',

'plugin' : 'plugin.video.bennu',

'saved' : 'allucbennu',

'path' : os.path.join(ADDONS, 'plugin.video.bennu'),

'icon' : os.path.join(ADDONS, 'plugin.video.bennu', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'plugin.video.bennu', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'bennu\_alluc'),

'settings' : os.path.join(ADDOND, 'plugin.video.bennu', 'settings.xml'),

'default' : '',

'data' : ['alluc.api'],

'activate' : ''},

'specto': {

'name' : 'Specto',

'plugin' : 'plugin.video.specto',

'saved' : 'allucspecto',

'path' : os.path.join(ADDONS, 'plugin.video.specto'),

'icon' : os.path.join(ADDONS, 'plugin.video.specto', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'plugin.video.specto', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'specto\_alluc'),

'settings' : os.path.join(ADDOND, 'plugin.video.specto', 'settings.xml'),

'default' : 'alluc\_user',

'data' : ['alluc\_user', 'alluc\_password'],

'activate' : ''},

'deathstreams': {

'name' : 'Death Streams',

'plugin' : 'plugin.video.blamo',

'saved' : 'allucdeathstreams',

'path' : os.path.join(ADDONS, 'plugin.video.blamo'),

'icon' : os.path.join(ADDONS, 'plugin.video.blamo', 'icon.png'),

'fanart' : os.path.join(ADDONS, 'plugin.video.blamo', 'fanart.jpg'),

'file' : os.path.join(ALLUCFOLD, 'deathstreams\_alluc'),

'settings' : os.path.join(ADDOND, 'plugin.video.blamo', 'settings.xml'),

'default' : 'alluc.com-username',

'data' : ['alluc.com-enable', 'alluc.com-username', 'alluc.com-password', 'alluc.com-base\_url', 'alluc.com\_last\_results'],

'activate' : ''}

}

def allucUser(who):

user=None

if ALLUCID[who]:

if os.path.exists(ALLUCID[who]['path']):

try:

add = wiz.addonId(ALLUCID[who]['plugin'])

user = add.getSetting(ALLUCID[who]['default'])

except:

pass

return user

def allucIt(do, who):

if not os.path.exists(ADDONDATA): os.makedirs(ADDONDATA)

if not os.path.exists(ALLUCFOLD): os.makedirs(ALLUCFOLD)

if who == 'all':

for log in ORDER:

if os.path.exists(ALLUCID[log]['path']):

try:

addonid = wiz.addonId(ALLUCID[log]['plugin'])

default = ALLUCID[log]['default']

user = addonid.getSetting(default)

if user == '' and do == 'update': continue

updateAlluc(do, log)

except: pass

else: wiz.log('[Alluc Data] %s(%s) is not installed' % (ALLUCID[log]['name'],ALLUCID[log]['plugin']), xbmc.LOGERROR)

wiz.setS('alluclastsave', str(THREEDAYS))

else:

if ALLUCID[who]:

if os.path.exists(ALLUCID[who]['path']):

updateAlluc(do, who)

else: wiz.log('[Alluc Data] Invalid Entry: %s' % who, xbmc.LOGERROR)

def clearSaved(who, over=False):

if who == 'all':

for alluc in ALLUCID:

clearSaved(alluc, True)

elif ALLUCID[who]:

file = ALLUCID[who]['file']

if os.path.exists(file):

os.remove(file)

wiz.LogNotify('[COLOR %s]%s[/COLOR]' % (COLOR1, ALLUCID[who]['name']),'[COLOR %s]Alluc Data: Removed![/COLOR]' % COLOR2, 2000, ALLUCID[who]['icon'])

wiz.setS(ALLUCID[who]['saved'], '')

if over == False: wiz.refresh()

def updateAlluc(do, who):

file = ALLUCID[who]['file']

settings = ALLUCID[who]['settings']

data = ALLUCID[who]['data']

addonid = wiz.addonId(ALLUCID[who]['plugin'])

saved = ALLUCID[who]['saved']

default = ALLUCID[who]['default']

user = addonid.getSetting(default)

suser = wiz.getS(saved)

name = ALLUCID[who]['name']

icon = ALLUCID[who]['icon']

if do == 'update':

if not user == '':

try:

with open(file, 'w') as f:

for alluc in data:

f.write('<alluc>\n\t<id>%s</id>\n\t<value>%s</value>\n</alluc>\n' % (alluc, addonid.getSetting(alluc)))

f.close()

user = addonid.getSetting(default)

wiz.setS(saved, user)

wiz.LogNotify("[COLOR %s]%s[/COLOR]" % (COLOR1, name), '[COLOR %s]Alluc Data: Saved![/COLOR]' % COLOR2, 2000, icon)

except Exception, e:

wiz.log("[Alluc Data] Unable to Update %s (%s)" % (who, str(e)), xbmc.LOGERROR)

else: wiz.LogNotify("[COLOR %s]%s[/COLOR]" % (COLOR1, name), '[COLOR %s]Alluc Data: Not Registered![/COLOR]' % COLOR2, 2000, icon)

elif do == 'restore':

if os.path.exists(file):

f = open(file,mode='r'); g = f.read().replace('\n','').replace('\r','').replace('\t',''); f.close();

match = re.compile('<alluc><id>(.+?)</id><value>(.+?)</value></alluc>').findall(g)

try:

if len(match) > 0:

for alluc, value in match:

addonid.setSetting(alluc, value)

user = addonid.getSetting(default)

wiz.setS(saved, user)

wiz.LogNotify("[COLOR %s]%s[/COLOR]" % (COLOR1, name), '[COLOR %s]Alluc: Restored![/COLOR]' % COLOR2, 2000, icon)

except Exception, e:

wiz.log("[Alluc Data] Unable to Restore %s (%s)" % (who, str(e)), xbmc.LOGERROR)

#else: wiz.LogNotify(name,'Alluc Data: [COLOR red]Not Found![/COLOR]', 2000, icon)

elif do == 'clearaddon':

wiz.log('%s SETTINGS: %s' % (name, settings), xbmc.LOGDEBUG)

if os.path.exists(settings):

try:

f = open(settings, "r"); lines = f.readlines(); f.close()

f = open(settings, "w")

for line in lines:

match = wiz.parseDOM(line, 'setting', ret='id')

if len(match) == 0: f.write(line)

else:

if match[0] not in data: f.write(line)

else: wiz.log('Removing Line: %s' % line, xbmc.LOGNOTICE)

f.close()

wiz.LogNotify("[COLOR %s]%s[/COLOR]" % (COLOR1, name),'[COLOR %s]Addon Data: Cleared![/COLOR]' % COLOR2, 2000, icon)

except Exception, e:

wiz.log("[Trakt Data] Unable to Clear Addon %s (%s)" % (who, str(e)), xbmc.LOGERROR)

wiz.refresh()

def autoUpdate(who):

if who == 'all':

for log in ALLUCID:

if os.path.exists(ALLUCID[log]['path']):

autoUpdate(log)

elif ALLUCID[who]:

if os.path.exists(ALLUCID[who]['path']):

u = allucUser(who)

su = wiz.getS(ALLUCID[who]['saved'])

n = ALLUCID[who]['name']

if u == None or u == '': return

elif su == '': allucIt('update', who)

elif not u == su:

if DIALOG.yesno(ADDONTITLE, "[COLOR %s]Would you like to save the [COLOR %s]Alluc[/COLOR] data for [COLOR %s]%s[/COLOR]?" % (COLOR2, COLOR1, COLOR1, n), "Addon: [COLOR green][B]%s[/B][/COLOR]" % u, "Saved:[/COLOR] [COLOR red][B]%s[/B][/COLOR]" % su if not su == '' else 'Saved:[/COLOR] [COLOR red][B]None[/B][/COLOR]', yeslabel="[B][COLOR green]Save Data[/COLOR][/B]", nolabel="[B][COLOR red]No Cancel[/COLOR][/B]"):

allucIt('update', who)

else: allucIt('update', who)

def importlist(who):

if who == 'all':

for log in ALLUCID:

if os.path.exists(ALLUCID[log]['file']):

importlist(log)

elif ALLUCID[who]:

if os.path.exists(ALLUCID[who]['file']):

d = ALLUCID[who]['default']

sa = ALLUCID[who]['saved']

su = wiz.getS(sa)

n = ALLUCID[who]['name']

f = open(ALLUCID[who]['file'],mode='r'); g = f.read().replace('\n','').replace('\r','').replace('\t',''); f.close();

m = re.compile('<alluc><id>%s</id><value>(.+?)</value></alluc>' % d).findall(g)

if len(m) > 0:

if not m[0] == su:

if DIALOG.yesno(ADDONTITLE, "[COLOR %s]Would you like to import the [COLOR %s]Alluc[/COLOR] data for [COLOR %s]%s[/COLOR]?" % (COLOR2, COLOR1, COLOR1, n), "File: [COLOR green][B]%s[/B][/COLOR]" % m[0], "Saved:[/COLOR] [COLOR red][B]%s[/B][/COLOR]" % su if not su == '' else 'Saved:[/COLOR] [COLOR red][B]None[/B][/COLOR]', yeslabel="[B][COLOR green]Save Data[/COLOR][/B]", nolabel="[B][COLOR red]No Cancel[/COLOR][/B]"):

wiz.setS(sa, m[0])

wiz.log('[Import Data] %s: %s' % (who, str(m)), xbmc.LOGNOTICE)

else: wiz.log('[Import Data] Declined Import(%s): %s' % (who, str(m)), xbmc.LOGNOTICE)

else: wiz.log('[Import Data] Duplicate Entry(%s): %s' % (who, str(m))), xbmc.LOGNOTICE

else: wiz.log('[Import Data] No Match(%s): %s' % (who, str(m)), xbmc.LOGNOTICE)

def activateAlluc(who):

if ALLUCID[who]:

if os.path.exists(ALLUCID[who]['path']):

act = ALLUCID[who]['activate']

addonid = wiz.addonId(ALLUCID[who]['plugin'])

if act == '': addonid.openSettings()

else: url = xbmc.executebuiltin(ALLUCID[who]['activate'])

else: DIALOG.ok(ADDONTITLE, '%s is not currently installed.' % ALLUCID[who]['name'])

else:

wiz.refresh()

return

check = 0

while allucUser(who) == None:

if check == 30: break

check += 1

time.sleep(10)

wiz.refresh()