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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')

TRAKTFOLD = os.path.join(ADDONDATA, 'Trakt')

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

TODAY = date.today()

TOMORROW = TODAY + timedelta(days=1)

THREEDAYS = TODAY + timedelta(days=3)

KEEPTRAKT = wiz.getS('keeptrakt')

TRAKTSAVE = wiz.getS('traktlastsave')

COLOR1 = uservar.COLOR1

COLOR2 = uservar.COLOR2

ORDER = ['exodus', 'metalliq', 'salts', 'saltshd', 'velocity', 'velocitykids', 'meta', 'royalwe', 'specto', 'trakt']

TRAKTID = {

'exodus': {

'name' : 'Exodus',

'plugin' : 'plugin.video.exodus',

'saved' : 'exodus',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'exodus\_trakt'),

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

'default' : 'trakt.user',

'data' : ['trakt.user', 'trakt.refresh', 'trakt.token'],

'activate' : 'RunPlugin(plugin://plugin.video.exodus/?action=authTrakt)'},

'metalliq': {

'name' : 'MetalliQ',

'plugin' : 'plugin.video.metalliq',

'saved' : 'metalliq',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'metalliq\_trakt'),

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

'default' : 'trakt\_access\_token',

'data' : ['trakt\_access\_token', 'trakt\_refresh\_token', 'trakt\_expires\_at'],

'activate' : 'RunPlugin(plugin://plugin.video.metalliq/authenticate\_trakt)'},

'salts': {

'name' : 'Streaming All The Sources',

'plugin' : 'plugin.video.salts',

'saved' : 'salts',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'salts\_trakt'),

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

'default' : 'trakt\_user',

'data' : ['trakt\_oauth\_token', 'trakt\_refresh\_token', 'trakt\_user'],

'activate' : 'RunPlugin(plugin://plugin.video.salts/?mode=auth\_trakt)'},

'saltshd': {

'name' : 'Salts HD',

'plugin' : 'plugin.video.saltshd.lite',

'saved' : 'saltshd',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'saltshd\_trakt'),

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

'default' : 'trakt\_user',

'data' : ['trakt\_oauth\_token', 'trakt\_refresh\_token', 'trakt\_user'],

'activate' : 'RunPlugin(plugin://plugin.video.saltshd.lite/?mode=auth\_trakt)'},

'velocity': {

'name' : 'Velocity',

'plugin' : 'plugin.video.velocity',

'saved' : 'velocity',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'velocity\_trakt'),

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

'default' : 'trakt\_username',

'data' : ['trakt\_authorized', 'trakt\_username', 'trakt\_oauth\_token', 'trakt\_refresh\_token'],

'activate' : 'RunPlugin(plugin://plugin.video.velocity/?mode=get\_pin)'},

'velocitykids': {

'name' : 'Velocity Kids',

'plugin' : 'plugin.video.velocitykids',

'saved' : 'velocitykids',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'velocitykids\_trakt'),

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

'default' : 'trakt\_username',

'data' : ['trakt\_authorized', 'trakt\_username', 'trakt\_oauth\_token', 'trakt\_refresh\_token'],

'activate' : 'RunPlugin(plugin://plugin.video.velocitykids/?mode=get\_pin)'},

'meta': {

'name' : 'Meta',

'plugin' : 'plugin.video.meta',

'saved' : 'meta',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'meta\_trakt'),

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

'default' : 'trakt\_access\_token',

'data' : ['trakt\_access\_token', 'trakt\_refresh\_token', 'trakt\_expires\_at'],

'activate' : 'RunPlugin(plugin://plugin.video.meta/authenticate\_trakt)'},

'royalwe': {

'name' : 'The Royal We',

'plugin' : 'plugin.video.theroyalwe',

'saved' : 'royalwe',

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

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

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

'file' : os.path.join(TRAKTFOLD, 'royalwe\_trakt'),

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

'default' : 'trakt\_account',

'data' : ['trakt\_authorized', 'trakt\_account', 'trakt\_client\_id', 'trakt\_oauth\_token', 'trakt\_refresh\_token', 'trakt\_secret'],

'activate' : 'RunScript(plugin.video.theroyalwe, ?mode=authorize\_trakt)'},

'specto': {

'name' : 'Specto',

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

'saved' : 'specto',

'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(TRAKTFOLD, 'specto\_trakt'),

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

'default' : 'trakt.user',

'data' : ['trakt.user', 'trakt.token', 'trakt.refresh'],

'activate' : 'RunPlugin(plugin://plugin.video.specto/?action=authTrakt)'},

'trakt': {

'name' : 'Trakt',

'plugin' : 'script.trakt',

'saved' : 'trakt',

'path' : os.path.join(ADDONS, 'script.trakt'),

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

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

'file' : os.path.join(TRAKTFOLD, 'trakt\_trakt'),

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

'default' : 'user',

'data' : ['user', 'Auth\_Info', 'authorization'],

'activate' : 'RunScript(script.trakt, action=auth\_info)'}

}

def traktUser(who):

user=None

if TRAKTID[who]:

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

try:

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

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

except:

return None

return user

def traktIt(do, who):

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

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

if who == 'all':

for log in ORDER:

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

try:

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

default = TRAKTID[log]['default']

user = addonid.getSetting(default)

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

updateTrakt(do, log)

except: pass

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

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

else:

if TRAKTID[who]:

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

updateTrakt(do, who)

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

def clearSaved(who, over=False):

if who == 'all':

for trakt in TRAKTID:

clearSaved(trakt, True)

elif TRAKTID[who]:

file = TRAKTID[who]['file']

if os.path.exists(file):

os.remove(file)

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

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

if over == False: wiz.refresh()

def updateTrakt(do, who):

file = TRAKTID[who]['file']

settings = TRAKTID[who]['settings']

data = TRAKTID[who]['data']

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

saved = TRAKTID[who]['saved']

default = TRAKTID[who]['default']

user = addonid.getSetting(default)

suser = wiz.getS(saved)

name = TRAKTID[who]['name']

icon = TRAKTID[who]['icon']

if do == 'update':

if not user == '':

try:

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

for trakt in data:

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

f.close()

user = addonid.getSetting(default)

wiz.setS(saved, user)

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

except Exception, e:

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

else: wiz.LogNotify("[COLOR %s]%s[/COLOR]" % (COLOR1, name), '[COLOR %s]Trakt 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('<trakt><id>(.+?)</id><value>(.+?)</value></trakt>').findall(g)

try:

if len(match) > 0:

for trakt, value in match:

addonid.setSetting(trakt, value)

user = addonid.getSetting(default)

wiz.setS(saved, user)

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

except Exception, e:

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

#else: wiz.LogNotify(name,'Trakt 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 TRAKTID:

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

autoUpdate(log)

elif TRAKTID[who]:

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

u = traktUser(who)

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

n = TRAKTID[who]['name']

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

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

elif not u == su:

if DIALOG.yesno(ADDONTITLE, "[COLOR %s]Would you like to save the [COLOR %s]Trakt[/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]"):

traktIt('update', who)

else: traktIt('update', who)

def importlist(who):

if who == 'all':

for log in TRAKTID:

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

importlist(log)

elif TRAKTID[who]:

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

d = TRAKTID[who]['default']

sa = TRAKTID[who]['saved']

su = wiz.getS(sa)

n = TRAKTID[who]['name']

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

m = re.compile('<trakt><id>%s</id><value>(.+?)</value></trakt>' % 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]Trakt[/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]Save Data[/B]", nolabel="[B]No Cancel[/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 activateTrakt(who):

if TRAKTID[who]:

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

act = TRAKTID[who]['activate']

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

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

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

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

else:

wiz.refresh()

return

check = 0

while traktUser(who) == None:

if check == 30: break

check += 1

time.sleep(10)

wiz.refresh()