

## How to Borrow a Virtools License from the FlexLM License Server

Borrowing a Virtools license means that Virtools license(s) can be temporarily checked out from the FlexLM Server for offline use for certain durations. Note: Your Virtools FlexLM license file must have the “Borrow” option activated; contact [license.request@virtools.com](mailto:license.request@virtools.com) for more details.

### 1. SPECIFY BORROW DURATION

First, specify the borrow duration using FLEXLM™ tools on the client PC (checking out the licenses).

#### 1.1. Using FLEXLM™ Imtools.exe

1. Launch “Imtools.exe” located in your /Virtools Dev/FlexLMTools/ directory.
2. Click on the “Borrowing” tab.

The screenshot shows the 'Borrowing' tab in the Imtools.exe application. The interface includes a menu bar (File, Edit, Mode, Help) and a tabbed interface with 'Borrowing' selected. The main area contains instructions for borrowing licenses, a 'Set Borrow Expiration' button, and input fields for 'Vendor Name' (set to 'All'), 'Return Date' (format dd-mmm-yyyy), and 'Return Time' (format hh:mm). Below these are buttons for 'List Currently Borrowed Features' and 'Don't Borrow Anymore Today'. At the bottom, there is a 'Return Borrowed Licenses Early' button and input fields for 'Display Name (optional)' and 'Feature Name'. A scrollable list area is visible at the bottom right.

- Set the vendor name to: virtools
- Set the desired Return Date and Return Time.  
IMPORTANT: You cannot check in the license earlier than the specified date & time! (“Return Borrowed License File Early” does not function.)  
NOTE: You must specify a date and time if you wish to check out the license for more than a day. The maximum check out limit is up to 20 days (by default).
- Click the Set Borrow Expiration button.  
NOTE: If you change your mind, you will need to click on the “Don't Borrow Anymore Today” to clear the check out procedure!

## 2. EDIT THE “ACTIVATE\_LICENSES.INI”

Then, edit “activate\_licenses.ini” located in the Virtools Dev directory on the client PC.

Remove the “#” (comment) from the Virtools licenses you wish to borrow (or add “#” to not checkout). NOTE: these licenses must be valid on the Virtools License Server to be borrowable.) In the example below, we’re borrowing the Virtools Physics Pack and Virtools Xbox Kit:

```
#####  
# activate_licenses.ini: Virtools Add-ons License Management  
# This file contains the list of the Virtools Dev Add-on  
Components.  
# When using the FlexLM Server Installation, if you  
# do not want a Virtools add-on to be loaded into Dev  
# (i.e. its Flexlm license to be checked-out),  
# simply comment it with a '#' before the component's name.  
#####  
# Virtools Physics Pack Components  
VirtoolsPhysicPack  
# Virtools VR Pack Components  
#VRPackDevImmersive  
#VRPackDevDistributed  
#Virtools Server Components  
#VirtoolsVBS_C_Dev  
#VirtoolsVBS_C_Multiuser  
#VirtoolsVBS_C_PeerServer  
#VirtoolsVBS_C_Download  
#VirtoolsVBS_C_Database  
# Virtools XBOX Kit Components  
VirtoolsXboxPackInterface  
VirtoolsXboxPackBB  
#Virtools AI Pack Components  
#VirtoolsAIPack
```

## 3. LAUNCH AND QUIT VIRTOOLS DEV

Now that the borrow duration and features are specified, you have to launch Virtools Dev to actually borrow the licenses. Once Dev’s main interface appears, you can exit Dev. The license(s) have been temporarily checked out from the FlexLM Server for offline use.

## 4. TEST DEV OFFLINE

Disconnect your computer from the license server and launch Virtools Dev.

NOTE: If license request dialog boxes pop up, modify “activate\_licenses.ini” to remove the Virtools add-on pack (by inserting a “#” before the name.), since they were not checked out from the Server.

NOTE: When the expiration date and time is reached, the checked out license(s) become available on the FlexLM Server, and the client PC will need to be connected to the network to be able to launch Dev.