

## Using *Lexia Reading* Command Line Installation

**Lexia Reading student software v6.0 and above** allows for command line installation on Windows platforms when installing a full download or an update. Command line installation on the Macintosh is only available when doing an incremental update.

- Windows Full Download Install
- Windows Update Install
- Macintosh Update Install

Command line installation allows users to input configuration values and run installations in a silent, unattended mode. Unattended mode gives users the flexibility to incorporate a *Lexia Reading* student software installation into various remote distribution scenarios. Below is a table of the command line options available and some examples of common uses of these options. Users are encouraged to contact Lexia Customer Support with any questions.

- Silent installation
- Flexible options

### Windows Directions

1. Open a command window. (Start Menu – Run)
2. Navigate to the directory where the installation file is located. If you do not go to the directory, then specify the full path, enclosing it in quotes to encapsulate spaces.
3. Type in your command line in the format:

```
C: \My Path\LexiaReading_7.0.0_us.exe" --option1 value --option2 value
```

4. See sections below for installation options and examples.

### Macintosh Directions

1. Double-click on the LexiaReadingUpdate file to mount the volume .
2. Open a terminal window. (Applications/Utilities/Terminal)
3. Type in your command line in the format:


```
/Volumes/LexiaReadingUpdate/Lexia\ Reading\ Update.app/Contents/MacOS/installbuilder.sh  
--option1 value --option2 value
```



4. See sections below for installation options and examples.




## Installation Options

Lexia Reading student software installation options are listed below. Each option must be preceded by a double dash (--). All options listed are for the full installation. Update installations can only use options that have the update symbol.

- Query Options – get information from the installer
- Install Options – install silently, use an option file, install in a different location
- Lexia Reading Student Software Settings – full screen, hide password, check for updates, etc.

Update option 

Query Options		
Option	Detail	Allowed Values
--help 	Display the list of valid options	---
--version 	Display product information	---

Install Options		
Option	Detail	Allowed Values
--optionfile <optionfile> 	Installation option file	Filename with path of text file that contains list of options and values*
--mode <mode> 	Installation mode  This option, when set to unattended, will run silently and not present installation screens. In the default mode (win32), the installation screens are presented to the user and wait for input.	win32 (default) unattended
--installdir <installdir> 	Installation Directory	Defaults:  (US Version) C:\Program Files/Lexia  (UK Version) C:\Program Files/Lexia Reading UK

<b>Lexia Reading Student Software Settings</b>		
<b>Option</b>	<b>Detail</b>	<b>Allowed Values</b>
<code>--customerCode &lt;customerCode&gt;</code>	<p><b>Customer Code</b></p> <p>The Customer Code is the unique sixteen digit number that identifies your school\district. This can be found by logging into your MyLexia account.</p>	Your customer code in the format: 1234-1234-1234-1234
<code>--resetMonitor &lt;resetMonitor&gt;</code>	<p><b>Full Screen (800 x 600)</b></p> <p>This option, when set to 1, allows you to set the screen size to full screen (800 x 600) when the software is launched. If you do not set this option, the default is for the screen resolution to remain at whatever setting you currently have. When the student software is launched a black "skirt" will obscure the desktop.</p>	<p>0 (default - no change)</p> <p>1 (800 x 600)</p>
<code>--hidePassword &lt;hidePassword&gt;</code>	<p><b>Hide Password</b></p> <p>This option, when set to 1, will obscure the student password as it is entered on the login screen. If you do not set this option, the student password will display on the screen. Password display may be desired in settings with younger students to allow teachers to aid in the login process.</p>	<p>0 (default – don't hide)</p> <p>1 (hide)</p>
<code>--rpcTimeout &lt;rpcTimeout&gt;</code>	<p><b>Network Request Timeout (seconds)</b></p> <p>This option controls how long the student software will try to contact the <i>Lexia Reading</i> server over the Internet before ceasing to try and displaying an error. This option should only be changed from the default if local network latency causes student timeout errors.</p>	<p>60</p> <p>120 (default)</p> <p>180</p>

Option	Detail	Allowed Values
--enableSSL <enableSSL>	<p>Use secure (https) connection to communicate</p> <p>This option should be left at 1, to use a secure protocol, unless school network settings prohibit this protocol.</p>	<p>1 (default - use SSL)</p> <p>0 (do not use SSL)</p>
--enableProxy <enableProxy>	<p>Use Proxy Server</p> <p>This option should only be set to 1 if a school requires that Internet traffic go through a proxy server. If this option is set to 1, Proxy Address and Proxy Port must be set.</p>	<p>0 (default – no proxy server)</p> <p>1 (use proxy server)</p>
--proxyAddress <proxyAddress>	<p>Proxy Address</p> <p>The address should be in the form of an IP address (ex. 10.1.1.1).</p>	IP address of your school proxy server. (required if enableProxy =1)
--proxyPort <proxyPort>	<p>Proxy Port</p> <p>A typical port is 8080; your server may be different.</p>	Port used to access proxy server. (required if enableProxy =1)
--proxyPrompt <proxyPrompt>	<p>Prompt for Proxy</p> <p>When enabled, users will be prompted for a proxy username and password when launching <i>Lexia Reading</i>.</p>	<p>0 (default – no proxy prompt)</p> <p>1 (use proxy prompt)</p>
--proxyUser <proxyUser>	Proxy User	Username, if required by proxy server. (optional)
--proxyPassword <proxyPassword>	Proxy Password	Password, if required by proxy server. (optional)

## Examples:

### Full Installation (silent/unattended)

```
LexiaReading_7.0.0_us.exe --customerCode 1234-1234-1234-1234 --mode unattended
```

### File is not in your current directory (present install screens)

```
"C:\Documents and Settings\User\Desktop\LexiaReading_7.0.0_us.exe" --customerCode 1234-1234-1234-1234
```

### Update Installation Windows

```
LRUpdater_7.0.0_us.exe --mode unattended
```

### Update Installation Macintosh

```
/Volumes/LexiaReadingUpdate/Lexia\ Reading\  
Update.app/Contents/MacOS/installbuilder.sh --mode  
unattended
```

## Optionfile

If several options are being selected it may be more convenient to use an optionfile (text file) to store the option value combinations. The optionfile should not contain any comments and should have each option on a separate line. Options are listed as option=value. If you would like the default value for an option, you do not need to include it in the optionfile. CustomerCode is the one required option. Please refer to the example below.

### Sample Optionfile Contents

```
mode=unattended
installdir=C:\Program Files\Lexia Reading
customerCode=1234-1234-1234-1234
```

This optionfile would install the software in a *Lexia Reading* folder and do so without presenting the installation screens (silent install).

## Sample Batch File

```
LexiaReading_7.0.0_us.exe --mode unattended --installdir
"C:\Program Files\Lexia" --customerCode 1234-1234-1234-1234
--resetMonitor 0 --hidePassword 1 --enableProxy 1 --
proxyAddress 10.1.1.1 --proxyPort 8080 @echo
```

This batch file will install *Lexia Reading* silently into the Lexia folder, keep the display settings unchanged, set the software to check for updates, hide the student password during login, and use the proxy at 10.1.1.1 via port 8080. When done, the machine would beep.