

MID v2.0 Installation Guide

All to know on installing MaXX Interactive Desktop 2.0.x on most Linux Distributions

- [CentOS 7 and RHEL 7 Installation Guide \(x64\)](#)
- [Fedora 28+ Installation Guide \(x64\)](#)
- [Debian 9+ Installation Guide \(x64\)](#)
- [Ubuntu 18.04+ Installation Guide \(x64\)](#)

CentOS 7 and RHEL 7 Installation Guide (x64)

Release Notes for Indigo 2.0.1

- Better XFT and UTF-8/Unicode support
 - Improved version of winterm, adminterm and sstherm based on the new MXTerm and dynamic font face settings (font name + size)
 - Improvements in libXt SGI Scheme loader
 - 5Dwm v2.3 (multi-screen support with Xinerama)
 - Recompiled all libraries and apps to support better application binary interface (ABI) across Linux distributions
 - Revised Shutdown and Restart Admin-Screens (from toolchest)
 - New configuration files in \$HOME/.maxxdesktop to support Fonts, themes and other customization
 - Command line tools to switch between CLASSIC and MODERN look and feel
 - Custom XSettings Daemon and MaXX specific settings
 - Support Dynamic GTK+ SGI Theme change
 - New version of Nedit (called XNedit) with full unicode support and antialiased text rendering
 - Toolchest dark SGI Scheme support for main-menu icon
 - Introducing an 'user-based' X11 Resources settings and customization manager.
 - Unified look and feel for both gmemusage and the new gr_osview2
 - New version of gr_osview (based on xosview 2)
 - Entire new 32 bit sub-systems and libraries to support 32 bit apps under MaXX Interactive Desktop 64 bit (separate download)
 - Some new/old SGI demos
 - Many bug fixes and improvements
 - Small fixes to improve compatibility and usability for: CentOS, Fedora and Ubuntu
-

Prerequisites

These are below the prerequisites for installing and running MaXX and some older X11/Motif applications...

Storage Space Requirements

```
75MB   in /tmp partition (something it is part of the / 'root' partition)
465MB  in /opt partition (something it is part of the / 'root' partition)
```

Software Package Requirements

```
$ su -
# yum update
# yum install cpp
# yum install ncurses
# yum install libXaw
# yum install pavucontrol      <-- Audio control panel in MaXX Desktop
# yum install epel-release    <-- additional repo for cool CentOS packages

// Older xfonts required as a backward compatibility safety net
# yum install xorg-x11-fonts-misc.noarch bitmap-fonts-compat.noarch (15MB)
# yum install xorg-x11-fonts-75dpi.noarch xorg-x11-fonts-100dpi.noarch (6MB)
# yum install xorg-x11-fonts-IS08859-1-100dpi.noarch xorg-x11-fonts-IS08859-1-75dpi.noarch
(2MB)

// NEW as of Indy 1.1
# yum install adobe-source-code-pro-fonts adobe-source-sans-pro-fonts (6MB) // optional
# yum install dejavu-sans-mono-fonts
# exit
$
required for Inventor and nice replacement of Microsoft fonts

dnf install liberation-fonts liberation-mono-fonts liberation-sans-fonts liberation-serif-
fonts liberation-narrow-fonts
```

Installation

Then to install, simply download the installer and run it as root as described below.

To install MaXX Interactive Desktop - Indigo Release

```
$ cd /tmp
$ wget http://maxxdesktop.arcadedaydream.com/Indigo-Releases/Installers/MaXX-Indigo-2.0.1-
  Installer.sh
$ chmod a+x MaXX-Indigo-2.0.1-Installer.sh
$ su
# ./MaXX-Indigo-2.0.1-Installer.sh
# exit
$
```

Post Installation Tasks

Run the following commands (NOT UNDER ROOT), from a terminal or console, to preserve your old configuration files and then to properly initialize your new MaXX Desktop environment.

```
$ cd $HOME
$ mv $HOME/.maxxdesktop $HOME/.dot.maxxdesktop // just in case you already had MaXX Desktop
  Indy
$ /opt/MaXX/share/misc/HOME/initMaXX-Desktop-Home.sh
```

Run the following commands (AS ROOT), from a terminal or console, to remove deprecated files from previous version of MaXX Desktop.

In case you modified them, then you probably know what your are doing...

```
$ sudo -s
# rm /usr/share/themes/IndigoMagic
# rm /usr/share/themes/Rio
# rm /usr/share/themes/Gotham
# rm /usr/share/themes/MaXX*
# exit
```

Almost Done

Log out and restart your computer to allow GDM to take into consideration the new addition ;)

Once your system is rebooted, you may choose *MaXX Interactive Desktop* from GDM's available session menu, choose MaXX Desktop as your preferred Session and login :)

Congratulation and Welcome to MaXX Desktop!

Fedora 28+ Installation Guide (x64)

Release Notes for Indigo 2.0.1

- Better XFT and UTF8/Unicode support
 - Improved version of winterm, adminterm and sstherm based on the new MXTerm and dynamic font face settings (font name + size)
 - Improvements in libXt SGI Scheme loader
 - 5Dwm v2.3 (multi-screen support with Xinerama)
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 - Custom XSettings Daemon and MaXX specific settings
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 - Many bug fixes and improvements
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Prerequisite

These are below the prerequisites for installing and running MaXX and some older X11/Motif applications...

Disk space Requirements

```
75MB   in /tmp partition (something it is part of the / 'root' partition)
465MB  in /opt partition (something it is part of the / 'root' partition)
```

Software Package Requirements

```
$ sudo -s
# dnf update
# dnf install cpp
# dnf install ncurses
# dnf install libXaw
# dnf install pavucontrol      <-- Audio control panel in MaXX Desktop
# ln -s /usr/lib64/libtinfo.so.6 /usr/lib64/libtinfo.so.5

// Older xfonts required as a backward compatibility safety net
# dnf install xorg-x11-fonts-misc.noarch bitmap-fonts-compat.noarch (15MB)
# dnf install xorg-x11-fonts-75dpi.noarch xorg-x11-fonts-100dpi.noarch (6MB)
# dnf install xorg-x11-fonts-IS08859-1-100dpi.noarch xorg-x11-fonts-IS08859-1-75dpi.noarch
(2MB)

// NEW as of Indy 1.1
# dnf install adobe-source-code-pro-fonts adobe-source-sans-pro-fonts (6MB) // optional
# dnf install dejavu-sans-mono-fonts
# exit
$
```

Installation

Then to install, simply download the installer and run it as root as describe below.

To install MaXX Interactive Desktop - Indigo

Release

```
$ cd /tmp
$ wget http://maxxdesktop.arcadedaydream.com/Indigo-Releases/Installers/MaXX-Indigo-2.0.1-
Installer.sh
$ chmod a+x MaXX-Indigo-2.0.1-Installer.sh
$ sudo -s
# ./MaXX-Indigo-2.0.1-Installer.sh
# exit
$
```

Post Installation Tasks

Run the following commands (NOT UNDER ROOT), from a terminal or console, to preserve your old configuration files and then to properly initialize your new MaXX Desktop environment.

```
$ cd $HOME
$ mv $HOME/.maxxdesktop $HOME/.dot.maxxdesktop // just in case you already had MaXX
Desktop Indy
$ /opt/MaXX/share/misc/HOME/initMaXX-Desktop-Home.sh
```

Run the following commands (AS ROOT), from a terminal or console, to remove deprecated files from previous version of MaXX Desktop. In case you modified them, then you probably know what you are doing...

```
$ sudo -s
# rm /usr/share/themes/IndigoMagic
# rm /usr/share/themes/Rio
# rm /usr/share/themes/Gotham
# rm /usr/share/themes/MaXX*
# exit
```

Almost Done

Log out and restart your computer to allow GDM to take into consideration the new addition ;)

Once your system is rebooted, you may choose MaXX Interactive Desktop from GDM's available session menu, choose MaXX Desktop as your preferred Session and login :)

Congratulation and Welcome to MaXX Desktop!

Debian 9+ Installation Guide

(x64)

Release Notes for Indigo 2.0.1

- Better XFT and UTF8/Unicode support
 - Improved version of winterm, adminterm and sstherm based on the new MXTerm and dynamic font face settings (font name + size)
 - Improvements in libXt SGI Scheme loader
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Disk space Requirements

```
75MB   in /tmp partition (something it is part of the / 'root' partition)
465MB  in /opt partition (something it is part of the / 'root' partition)
```

Software Package Requirements

```
$ sudo -s
# apt-get update
# apt-get install cpp
# apt-get install libncurses5 libtinfo5
# apt-get install libxaw7
# apt-get install libgtk2.0-0
# apt-get install pavucontrol <-- Audio control panel in MaXX Desktop

// Older xfonts required as a backward compatibility safety net
# apt-get install xfonts-100dpi xfonts-75dpi

// NEW as of Indy 1.1
# apt-get install fonts-dejavu
# exit
$
```

Installation

Then to install, simply download the installer and run it as root as describe below.

To install MaXX Interactive Desktop - Indigo Release

```
$ cd /tmp
$ wget http://maxxdesktop.arcadedaydream.com/Indigo-Releases/Installers/MaXX-Indigo-2.0.1-
```

```
Installer.sh
$ chmod a+x MaXX-Indigo-2.0.1-Installer.sh
$ sudo -s
# ./MaXX-Indigo-2.0.1-Installer.sh
# exit
$
```

Post Installation Tasks

Run the following commands (NOT UNDER ROOT), from a terminal or console, to preserve your old configuration files and then to properly initialize your new MaXX Desktop environment.

```
$ cd $HOME
$ mv $HOME/.maxxdesktop $HOME/dot.maxxdesktop // just in case you already had MaXX
Desktop Indy
$ /opt/MaXX/share/misc/HOME/initMaXX-Desktop-Home.sh
```

Run the following commands (AS ROOT), from a terminal or console, to remove deprecated files from previous version of MaXX Desktop. In case you modified them, then you probably know what your are doing...

```
$ sudo -s
# rm /usr/share/themes/IndigoMagic
# rm /usr/share/themes/Rio
# rm /usr/share/themes/Gotham
# rm /usr/share/themes/MaXX*
# exit
```

Almost Done

Log out and restart your computer to allow GDM to take into consideration the new addition ;)

Once your system is rebooted, you may choose MaXX Interactive Desktop from GDM's available session menu, choose MaXX Desktop as your preferred Session and login :)

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Ubuntu 18.04+ Installation Guide (x64)

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 - Improved version of winterm, adminterm and sstherm based on the new MXTerm and dynamic font face settings (font name + size)
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```
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465MB  in /opt partition (something it is part of the / 'root' partition)
```

Software Package Requirements

```
$ sudo -s
apt-get update
apt-get install cpp
apt-get install lib64ncurses5 lib64tinfo5
apt-get install libxaw7
apt-get install libgtk2.0-0
apt-get install pavucontrol <-- Audio control panel in MaXX Desktop

// Older xfonts required as a backward compatibility safety net
apt-get install xfonts-100dpi xfonts-75dpi

// NEW as of Indy 1.1
apt-get install fonts-dejavu
exit
$
```

Installation

Then to install, simply download the installer and run it as root as describe below.

To install MaXX Interactive Desktop - Indigo Release

```
cd /tmp
wget http://maxxdesktop.arcadedaydream.com/Indigo-Releases/Installers/MaXX-Indigo-2.0.1-
```

```
Installer.sh
chmod a+x MaXX-Indigo-2.0.1-Installer.sh
sudo -s
./MaXX-Indigo-2.0.1-Installer.sh
exit
```

Post Installation Tasks

Run the following commands (NOT UNDER ROOT), from a terminal or console, to preserve your old configuration files and then to properly initialize your new MaXX Desktop environment.

```
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$ sudo -s
rm /usr/share/themes/IndigoMagic
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EOF