Frigcal — Personal Calendar GUI; No Login Required  
  
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License:  
 Provided freely, but with no warranties of any kind. This program is  
 open source and is yours to use and copy as you like for personal use.  
 For quality and attribution purposes, any bulk redistributions must   
 include in full and unaltered form this file, and file "UserGuide.html"  
 and folder "docetc" from the top level of this package.  
  
Fetch:   
 From "http://learning-python.com/frigcal.html" download and unzip:  
  
 - Frigcal.app.zip (Mac app)  
 - Frigcal-64bit.zip or Frigcal-32bit.zip (Windows executable)  
 - Frigcal.zip (Linux executable)  
 - Frigcal-source.zip (source code)  
  
 See Package Usage Basics below for more install details.  
  
Start:  
 To launch the program, run the unzipped folder or its file:  
  
 - Frigcal.app (Mac app)   
 - frigcal-launcher.exe (Windows executable)  
 - frigcal-launcher (Linux executable)   
 - frigcal-launcher.pyw (source code)  
  
 See Package Usage Basics below for more run details.  
  
Docs:  
 Open UserGuide.html in a web browser for the main user guide.  
 Select '?' in the GUI to view that document in any distribution.   
  
Configs:  
 Edit frigcal\_configs.py to customize frigcal's appearance and behavior.  
  
Backups:  
 frigcal saves backup copies of your changed calendar files to the   
 Backups folder in your calendar folder. See UserGuide.html.  
  
Tools:  
 frigcal is coded in Python 3.X, and uses tkinter/Tk for its GUI.   
 Mac frozen apps are built with py2app; others use PyInstaller.   
  
Upgrades:  
 To install a new version of frigcal in the future, save and restore  
 your frigcal\_configs.py, and possibly Calendars/ and MonthImages/.  
 See UserGuide.html's "Data Files" for more details.  
  
Updates:  
 Watch http://learning-python.com/post-release-updates.html  
 for new-release announcements and additional usage pointers.  
  
Other:  
 See "Recent Highlights" in UserGuide.html for version changes.  
 See UserGuide.html or folder docetc/docimgs for GUI screenshots.  
  
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Package Usage Basics  
  
frigcal is available as full source code, a Mac app, and executables  
for Windows and Linux. Source code is the ultimate in portability,  
but apps and executables integrate better with your computer's GUI,  
do not require any additional install steps, and are immune to   
future changes in the Python programming language they use.  
  
The following sections give the fundamentals of each format's usage:  
  
 - Mac OS X (macOS) App Package  
 - Windows Executable Package  
 - Linux Executable Package  
 - Source-Code Package  
  
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Mac OS X (macOS) App Package  
  
 The Mac OS X app runs only on Mac systems, but requires no  
 Python install and better supports the Mac user experience.  
  
 To Install:  
 Fetch file "Frigcal.app.zip", unzip it by a double-click (or other),  
 and drag the resulting Frigcal.app to your /Applications folder in  
 Finder to access it from Launchpad. You can also move Frigcal.app   
 and create aliases to it anywhere else on your computer.  
   
 To Run:  
 Click "Frigcal.app" to start the program (or run the app any other way).  
 A default empty calendar is created on the first run for new events.   
 Running Frigcal.app automatically launches frigcal's startup launcher,  
 the same as running the source-code package's frigcal-launcher.pyw.  
  
 Clicking frigcal's app icon or Dock entry while the program is running   
 automatically deiconifies (unhides) its main window, and always lifts  
 it above other windows on screen (handy to locate it in a busy session).  
 Double-click the app and single-click the Dock to make this work.  
  
 Files:  
 Your frigcal\_configs.py file is located inside the unzipped app's   
 folder, at path:  
   
 Frigcal.app/Contents/Resources  
  
 Navigate to this nested folder in Finder by a right-click on   
 Frigcal.app and Show Package Contents (or use "ls" in Terminal).  
 Your UserGuide.html is in the same folder, but can also be   
 accessed by the program's "?" button.  
  
 Scripts:  
 All frigcal scripts are frozen executables in the app's folder:  
   
 Frigcal.app/Content/MacOS  
  
 The scripts have no ".py" extension in this format, but otherwise run  
 exactly as documented. No separate Python install is required to run   
 these from command lines in Terminal. For example, if you've drug the  
 unzipped folder to your /Applications, the following work in Terminal:  
  
 /Applications/Frigcal.app/Contents/MacOS/searchcals cheatsheet -all  
 /Applications/Frigcal.app/Contents/MacOS/pickcolor  
  
 Note that source-code versions of these scripts are also included in  
 the app's Contents/Resources folder for their documentation, but will  
 not generally run in this form and location; use the frozen executables  
 in Contents/MacOS instead.   
  
 Versions:   
 The Mac OS X app was built on OS X version 10.11 El Capitan,  
 as a Mac universal binary. It has been verified to run on   
 this as well as Mac OS X (a.k.a. macOS) 10.12 Sierra, and is  
 expected to work on later OS X versions. Support for earlier  
 versions of OS X remains to be verified.  
  
 Known issues:   
 Due to limitations in the underlying Tk toolkit, emojis are replaced   
 for display only; see the user guide for details.  
  
 Due to a flaw in the underlying Tk toolkit, closed windows may leave  
 zombie items in Dock menus; these can be safely ignored.  
  
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Windows Executable Package  
  
 The Windows executables run only on Windows systems, but require  
 no Python install and better support the Windows user interface.  
  
 To install:  
 Fetch file "Frigcal-64bit.zip" or "Frigcal-32bit.zip" and unzip   
 it on your computer (see Versions below for the difference).  
 Copy the unzipped folder to C:\Program Files or elsewhere to   
 save it. Make Desktop shortcuts to the unzipped folder's   
 executable (per the next section) for quick access as desired.  
  
 To Run:  
 Click on the unzipped folder's "frigcal-launcher.exe" file to run.   
 A default empty calendar is created on the first run for new events.  
 File "frigcal.exe" starts the GUI too, but it may take some time to   
 appear for large calendars or slow machines.  
  
 Files:  
 Your UserGuide.html, frigcal\_configs.py, and utility scripts are   
 are all located at the top level of the same folder as the ".exe"  
 executable (the folder created by unzipping the download).  
   
 Scripts:  
 frigcal's extra utility scripts in this package are all provided as  
 executables that have a ".exe" extension instead of a ".py" and can be   
 run without a local Python install, but otherwise work the same. For   
 example, the source package's searchcals.py becomes an executable  
 (the ".exe" in the following is usually optional):  
  
 Frigcal-64bit\searchcals.exe cheatsheet -all  
   
 Scripts' ".py" source files are also included for their in-file   
 documentation, but some may not run in this form; use their .exes.  
  
 Versions:   
 The Windows executable comes in both 64- and 32-bit forms, as denoted  
 by its zipfile names. The former works only on 64-bit systems; the   
 latter works more broadly but may run slower on 64-bit systems. The  
 64-bit executable was built on Windows 7, and the 32-bit version on   
 Windows 8, but both have been verified to run on Windows 7, 8, and 10.  
  
 Known issues:   
 Startups may be briefly delayed due to PyInstaller folder extracts.   
 Use the source-code package if this is problematic on slower machines.  
  
 Due to limitations in the underlying Tk toolkit, emojis are replaced   
 for display only; see the user guide for details.  
  
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Linux Executable Package  
  
 The Linux executable runs only on Linux systems, but requires no  
 Python install and may better support the Linux user interface.  
  
 To install:  
 Fetch file "Frigcal.zip" and unzip it on your computer. Copy the  
 unzipped folder to your home, desktop, or other folder to make it   
 easy to access, and make desktop shortcuts to the executable as   
 desired.  
  
 To Run:  
 Click on the unzipped folder's "frigcal-launcher" file to run.   
 A default empty calendar is created on the first run for new events.  
 File "frigcal" starts the GUI too, but it may take some time to   
 appear for large calendars or slow machines.  
  
 Files:  
 Your UserGuide.html, frigcal\_configs.py, and utility scripts are   
 are all located at the top level of the same folder as the frigcal  
 executable (the folder created by unzipping the download).  
   
 Scripts:  
 frigcal's extra utility scripts in this package are all provided as  
 executables that have no extension instead of a ".py" and can be   
 run without a local Python install, but otherwise work the same.   
 For example, the source package's searchcals.py becomes an executable:  
  
 Frigcal/searchcals cheatsheet -all  
   
 Scripts' ".py" source files are also included for their in-file   
 documentation, but some may not run in this form; use the executables.  
  
 Versions:   
 The sole Linux executable was built on Ubuntu Linux 16.04, on a   
 64-bit system. It is known to work on this and other versions of   
 Ubuntu and is expected to work on some other distributions of Linux,  
 but this is to be verified. If it fails on your system, use the   
 source-code frigcal package.  
  
 Known issues:   
 Startups may be briefly delayed due to PyInstaller folder extracts.   
 Use the source-code package if this is problematic on slower machines.  
  
 Due to limitations in the underlying Tk toolkit, emojis are replaced   
 for display only; see the user guide for details.  
  
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Source-Code Package   
  
 The source-code version of frigcal runs on all flavors of Mac,   
 Windows, and Linux, but requires a separately installed Python.  
  
 To Install:  
 Fetch file "Frigcal-source.zip" and unzip it on your computer.  
 Also fetch and install a usable Python 3.X if one is not already  
 present. On Mac and Linux, also install the tkinter/Tk toolkit   
 if needed. See the user guide's "Dependencies" for details.  
  
 To Run:  
 Run "frigcal-launcher.pyw" in the unzipped folder to launch the   
 program, using any Python program-launching technique on your   
 platform: Windows icon clicks, IDLE, command lines, Mac Python   
 Launcher, etc. You can also run the file from within PyEdit  
 (see learning-python.com/pyedit).  
  
 Files:  
 Your UserGuide.html, frigcal\_configs.py, and utility scripts  
 are all located in the same folder as the main scripts' file  
 (the folder created by unzipping the download).  
  
 Versions:  
 Source code is platform-neutral and is not dependent on the   
 version of your operating system. This package runs on all  
 versions of Mac OS X, Windows, and Linux in common use today.  
   
 The source-code package does, however, require and assume a  
 separately installed Python on your computer: download one   
 for your platform from www.python.org/downloads if Python is   
 not already installed.   
   
 frigcal's source code has been verified to run on all Python   
 3.X through 3.5, and has no third-party install requirements.  
 Later Python versions are expected to work too, but 3.5 is   
 the latest version verified. frigcal uses the Pillow/PIL   
 extension for month images if present and needed; this varies  
 by image type, and Python and Tk versions (see the user guide).  
  
 Known issues:  
 Due to limitations in the underlying Tk toolkit, emojis are replaced   
 for display only; see the user guide for details.  
  
 On Mac OS X, closed windows may leave zombie items in Dock menus due   
 to a flaw in the underlying Tk toolkit; use Tk 8.6+ if possible.  
  
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[end]

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