FrostWire 6 User Guide

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FrostWire is a free, open-source peer-to-peer (P2P) BitTorrent client.

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About This Guide

Thank you for choosing FrostWire!

If you have not yet downloaded FrostWire, you can do so at www.frostwire.com.

This is a full user guide for FrostWire 6, a free, open source BitTorrent client, media player and cloud downloader. This guide covers all aspects of using the FrostWire desktop application and is ideal for those who have never used FrostWire or a BitTorrent client before. I hope it can answer any questions you may have about using FrostWire.

FrostWire is available for both mobile and desktop. This guide is strictly written for users of the FrostWire 6 desktop application. The content of this guide does not apply to mobile users.

This guide was written for credit in TCN700 and 709, courses in the Technical Communications program at Seneca College in Toronto, Ontario, Canada.

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Chapter 1: Getting Started with FrostWire

What is FrostWire?

FrostWire is a free, open source BitTorrent client, media player and cloud downloader. With FrostWire, you can easily search for and download files from BitTorrent and cloud sources. FrostWire allows you to build your own media library and browse and play your media all in one place.

FrostWire 6 is available for:

- Windows
- Mac OSX
- Ubuntu
- .RPM
- TARBALL

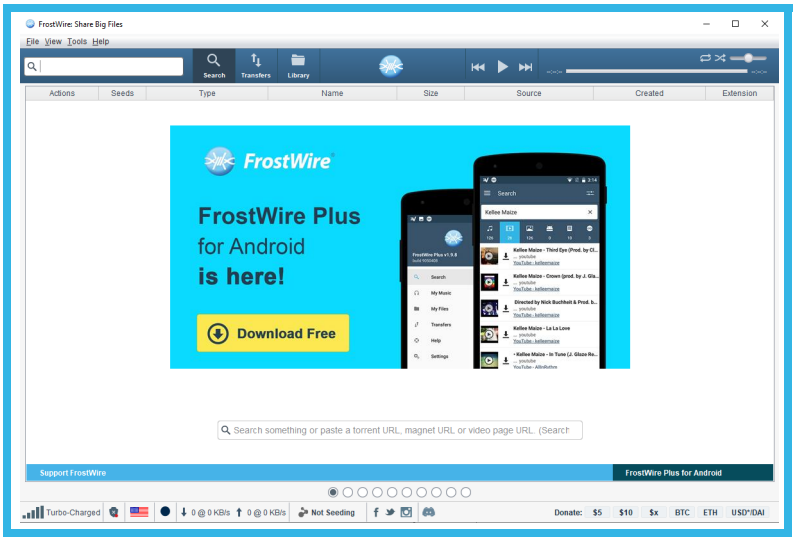

Image 1.1: The FrostWire 6 user interface

What is BitTorrent?

BitTorrent is a method of **peer-to-peer (P2P)** file sharing which allows you to share large files over the Internet. When you download a file from the Internet, it typically comes from a single. centralized server. Using BitTorrent, you can download files directly from other BitTorrent users. The file you download is called a **torrent**.

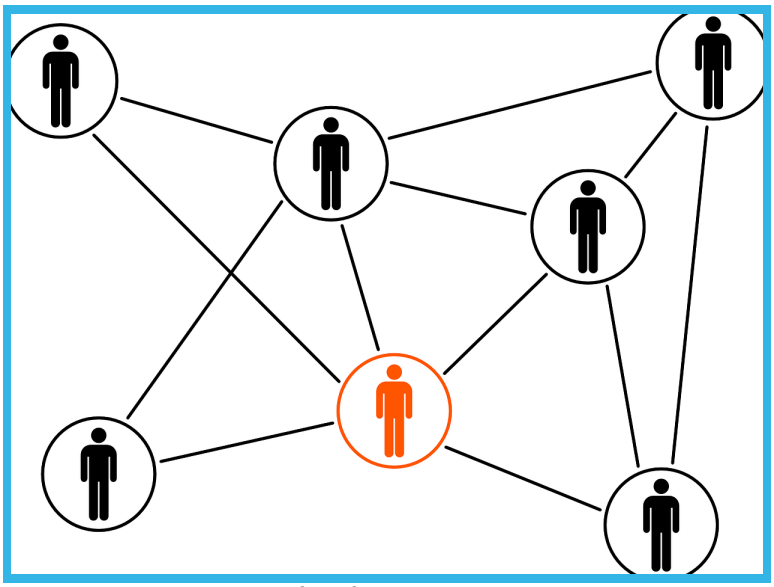

Image 1.2: Peer-to-peer (P2P) networking

What is a BitTorrent client?

BitTorrent clients are software that allow you to access the BitTorrent P2P network. FrostWire is a BitTorrent client.

What is Seeding?

Sharing a file over the BitTorrent P2P network is called **seeding**. Seeding allows other BitTorrent users to download files from both you and others on the BitTorrent P2P network. The more people seed a file, the faster and easier it becomes to download.

Setting up FrostWire Using the Setup Wizard

Before you can begin using FrostWire, you must use the Setup Wizard to configure FrostWire. The Setup Wizard guides you through a series of steps that will help to ensure optimal performance.

Note: All of the settings in the Setup Wizard can be changed later in the Options dialog box.

Configuring the BitTorrent Sharing Settings

To configure FrostWire's BitTorrent Sharing Settings using the Setup Wizard, you must indicate where you would like FrostWire to save your torrent data and choose whether to automatically seed your finished downloads.

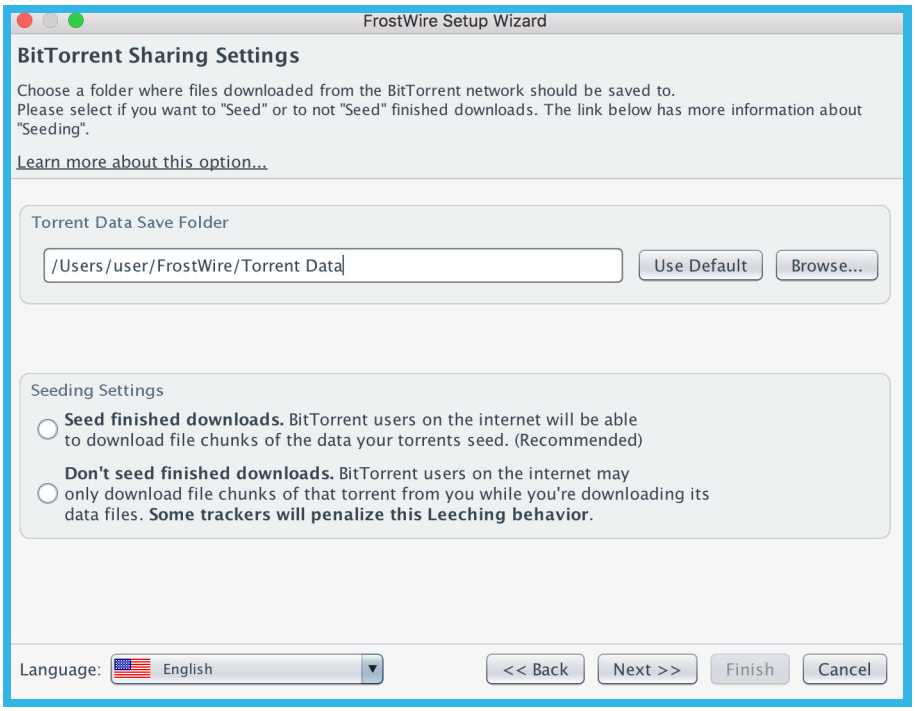

Image 1.3: The FrostWire Setup Wizard

Configuring the Torrent Data Save Folder Settings

By default, FrostWire creates its own folder for saving torrent data. You can choose to either save your torrent data in this default folder, or select a different folder.

To use the default folder, click **Use Default** in the Torrent Data Save Folder section.

To use a different folder, click **Browse** in the Torrent Data Save Folder section and select a folder.

Configuring the Seeding Settings

In the Seeding Settings section, you have the option to allow FrostWire to automatically seed finished downloads.

If you would like FrostWire to automatically seed finished downloads, click **Seed finished downloads** in the Seeding Settings section. FrostWire recommends you select this option.

If you do not want FrostWire to automatically seed finished downloads, click **Don't seed finished downloads** in the Seeding Settings section.

Configuring the Miscellaneous Settings

To configure FrostWire's Miscellaneous Settings, you must indicate whether you would like FrostWire to start when you log into your computer.

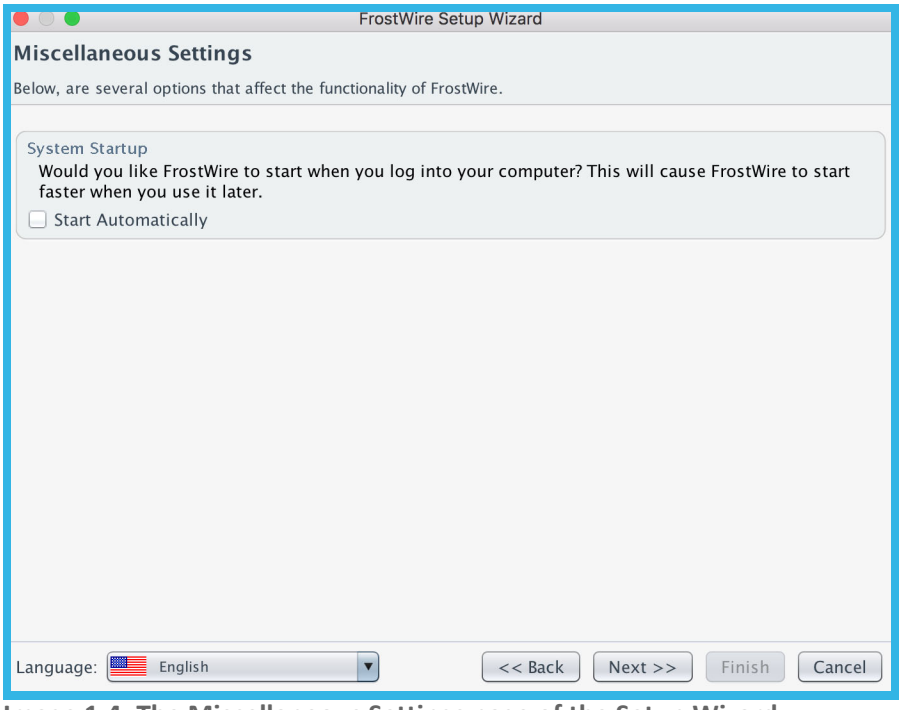

Image 1.4: The Miscellaneous Settings page of the Setup Wizard

If you would like FrostWire to start when you log into your computer, click **Start Automatically** in the System Startup section. If you do not want FrostWire to start automatically, click **Next.**

Joining the FrostWire Community

On the Join Us page of the FrostWire Setup Wizard, links to FrostWire's social media channels are provided. You are encouraged to visit FrostWire's social media channels by clicking on the links and joining the community.

Stating your Intent

Before you can use FrostWire, you must declare that you will not use FrostWire for copyright infringement. If you do not agree to this, you cannot use FrostWire.

Warning: Downloading FrostWire does not constitute permission or a license for obtaining or distributing unauthorized files.

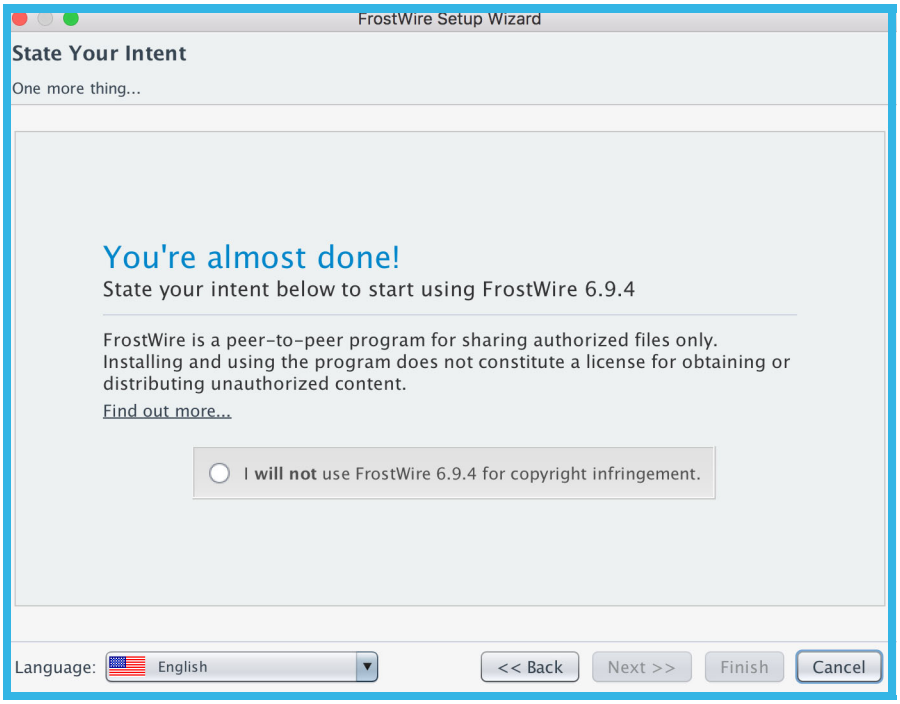

Image 1.5: The State Your Intent page of the Setup Wizard

To declare that you will not use FrostWire for copyright infringement, click **I will not use FrostWire 6 for copyright infringement**. If you are finished using the Setup Wizard, click **Finish** to close the Setup Wizard window.

Note: You can set FrostWire to start automatically when you turn on your computer. For more information, see "Changing System Startup Options" on page 50.

Chapter 2: Using the Search Tab

About the Search Tab

The Search Tab allows you to search for, view and download files on the peer-to-peer (P2P) Bit-Torrent network. To access the Search Tab, click **Search**.

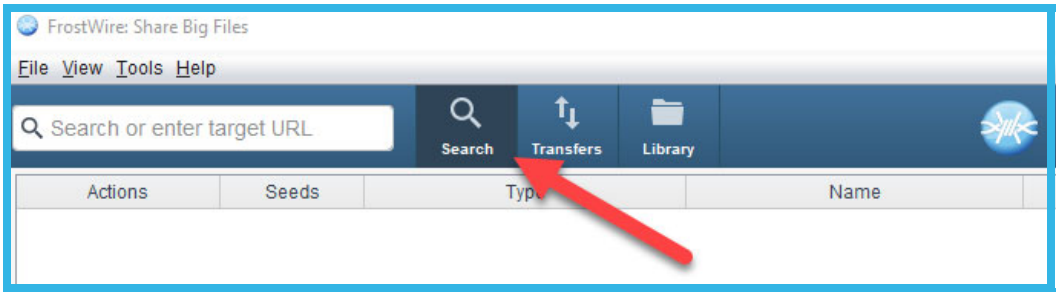

Image 2.1: The Search Tab location.

Using the Search Bar to Search for Files

To search for files, enter a keyword or paste a torrent, magnet or video page URL into one of the two search bars and press **enter**. The first search bar is located near the Search Tab. The second search bar is located in the blank Search Tab page.

Viewing Search Results

After using the search bar to search for a file, the results of your search are displayed in the Search Tab. Search results are stored in a search results tab. FrostWire allows you to conduct multiple searches and keep multiple search results tabs open at the same time.

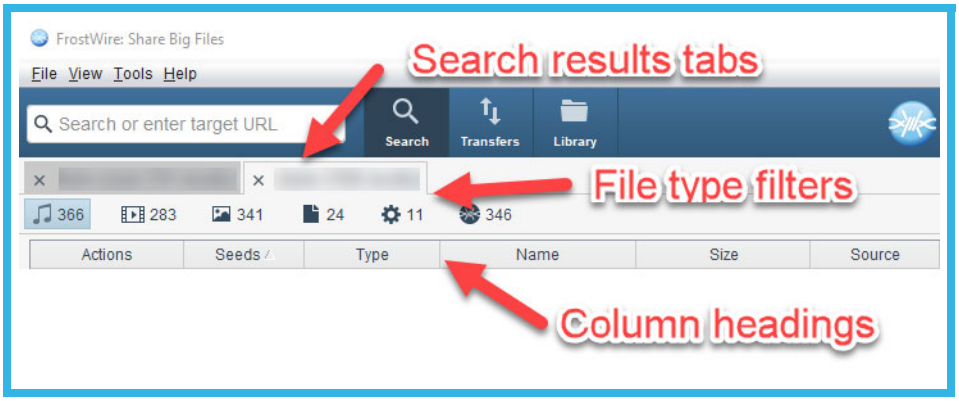

Image 2.2: The components of the Search results tabs.

Within a search results tab, the column headings display the following information for each file:

- Available actions
- Number of seeds
- File type
- File name
- File size
- Source
- Date created
- Filename extension

Filtering Results by File Type

The file type filter buttons in the Search Tab allow you to filter the results of your search by file type. Using the file type filter buttons, you can view:

- Audio files (.mp3, .wav, .m4a, etc.)
- Video files (.avi, .mpg, .wmv, etc.)
- Images (.jpg, .gif, .png, etc.)
- Documents (.html, .txt, .pdf etc.)
- Program files (.exe, .zip, etc.)
- Torrents (.torrent)

Downloading a File

To download a file, either click **Download** in the Actions column or select a file and click **Download** in the Search Tab.

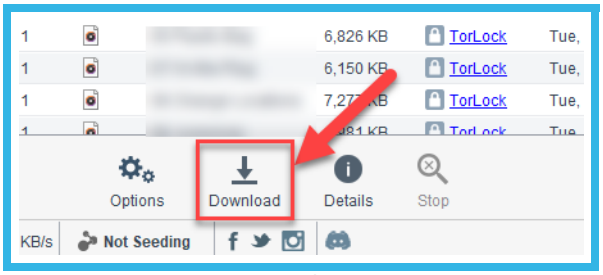

Image 2.3: The location of the Download icon.

Using the Search Tools Sidebar

The Search tools menu allows you to filter your search results by source, file size and number of seeds. To display the Search tools sidebar, click **Search tools** in a search results tab.

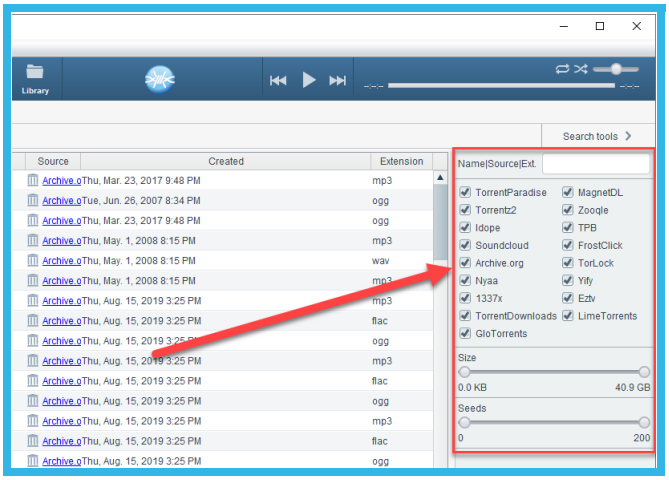

Image 2.4: The location of the Search Tools sidebar.

Searching for and Selecting Sources

To filter the search results displayed in the open search results tab by source, you can either enter a keyword into the search bar in the Search tools sidebar or use the source check boxes.

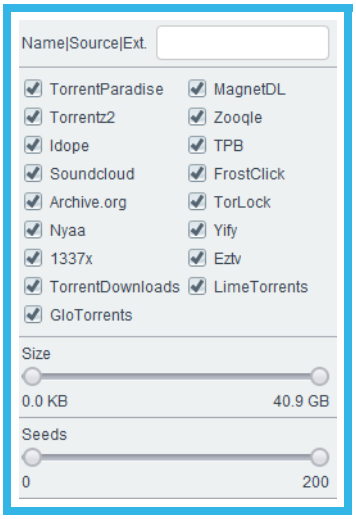

Image 2.5: The Search Tools sidebar.

By default, all of the sources are displayed. To remove a source from your search result, deselect the source name by clicking the check box.

Filtering Results by Size

To filter your search results by file size, use the **Size** slider in the Search tools sidebar to set the minimum and maximum file sizes you want to be displayed in the search results tab.

Filtering Results by Seeds

To filter your search results by number of seeds, use the **Seeds** slider in the Search tools sidebar to set the minimum and maximum number of seeds per file that you want to be displayed in the search results tab.

Chapter 3: Using the Transfers Tab

About the Transfers Tab

The Transfers Tab displays information about your transfers. After starting to download a file, you can view the status of your download in the Transfers Tab, as well as view information about seeding and completed downloads. To access the Transfers Tab, click **Transfers**.

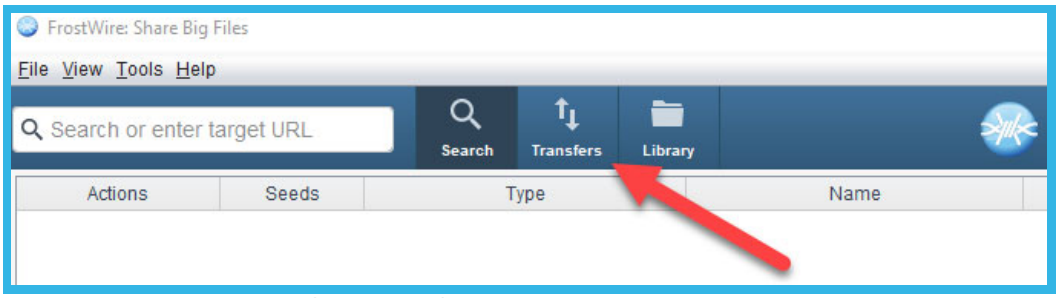

Image 3.1: The location of the Transfers Tab.

Managing Transfers

Using the Transfers Tab, you can view the name, file size, status, download progress, and seeding information for your transfers.

Filtering Transfers by Status

Using the Transfers Tab, you can view your transfers by status. The transfer status filter buttons allow you to view your downloading, seeding, and finished transfers. See Table 3.1 for details on using the transfer status filter buttons.

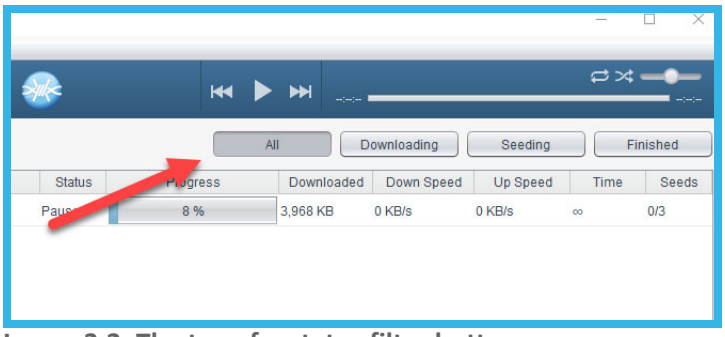

Image 3.2: The transfer status filter buttons

If you want to:	Then:
View all of your transfers	Click **All**
View your downloading transfers	Click **Downloading**
View your seeding transfers	Click **Seeding**
View your finished transfers	Click **Finished**

Table 3.1: Transfer status filter buttons

Pausing, Resuming and Cancelling Downloads

The Transfers Tab has several buttons that allow you to change the status of your download. To change the status of a download, click the download and then select an icon. See Table 3.2 for details on pausing, resuming and cancelling downloads.

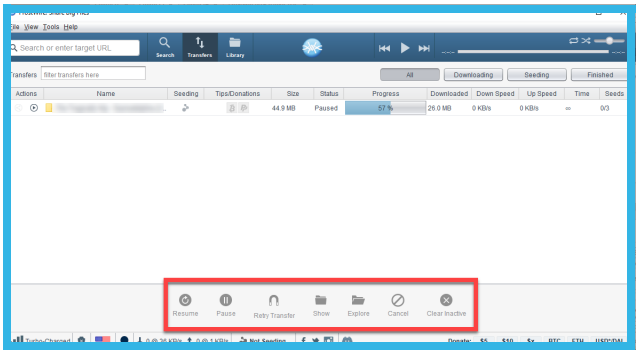

Image 3.3: The location of the icons.

If you want to:	Then select the download and:
Pause a download	Click **Pause**
Resume a download	Click **Resume**
Cancel a download	Click **Cancel**
Retry a failed download	Click **Retry Transfer**

Table 3.2: Pausing, Resuming and Cancelling Downloads

Viewing Download Locations

To view the contents of a transfer in the Library Tab, select the transfer and click **Show** in the Transfers Tab.

To open the folder on your computer that contains the downloaded file, select the transfer and click **Explore** in the Transfers Tab.

Using the Transfer Detail Panel

When you select a transfer from the Transfers Tab, the **Transfer Detail panel** is displayed. The Transfer Detail panel displays further information about the selected transfer.

Information in the Transfer Detail panel is organized into the following categories:

- General information about the selected transfer
- Files included in the transfer
- Pieces
- Trackers
- Peers

To view the information in one of these categories, click the category buttons in the Transfer Detail panel. For information about these categories, see “Glossary” on page 57.

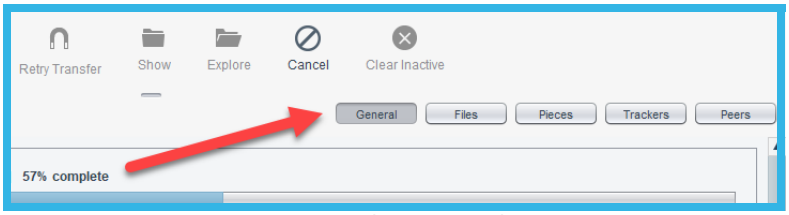

Image 3.4: Category buttons of the Transfer Detail panel.

Chapter 4: Using the Library Tab

About the Library Tab

The Library Tab allows you to view your downloads, launch files in the media player, and create playlists. To access the Library Tab, click **Library**.

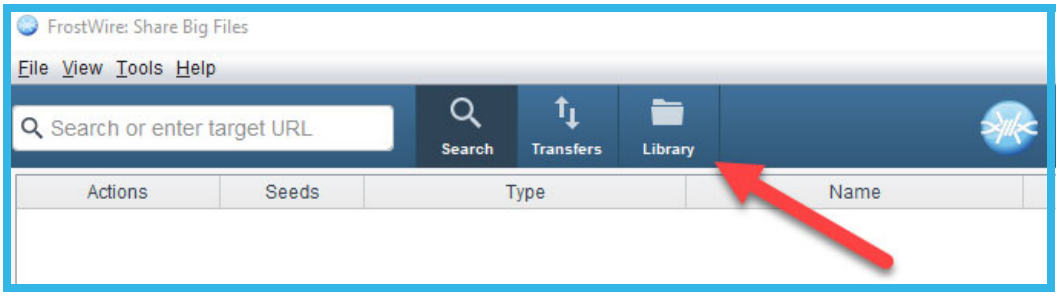

Image 4.1: The location of the Library Tab

Managing Your Library

Files in your library are displayed in the center panel of the Library Tab. Using the Library Tab, you can:

- View your files
- Launch files using the Media Player
- Open the folder containing your files
- Share files with others
- Delete files
- Create playlists

Searching and Filtering Your Library

To search for files in your library, enter a keyword into the search box. The results of your search will be displayed in the center panel of the Library Tab.

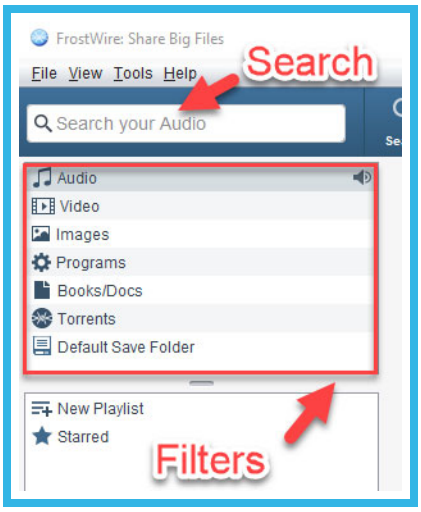

Image 4.2: The Search Tab search box and file type filters

To view the files in your library by file type, select one of the **file type filters**. Click on the file type you wish to view, and the results will be displayed in the center panel of the Library Tab.

If you wish to view all of your files, regardless of file type, click the **Default Save Folder** filter to display your files in the center panel.

Viewing Your Files Location Folder

To see where your downloaded file is saved on your computer, select the file from the center panel of the Library Tab and then click **Explore** in the Library Tab. The folder containing the file will then display.

Creating Playlists

FrostWire makes it easy to create playlists using the files in your library. FrostWire automatically creates an empty default playlist titled “Starred” that you can add songs to. You can also create and name your own custom playlists. Playlists can be accessed from the playlists panel in the Library Tab.

Creating a Blank Playlist

To create a blank playlist:

1. Select **New Playlist** from the playlist panel.
2. Enter a name for the playlist into the text box.
3. Press **enter** on your keyboard to create the playlist.

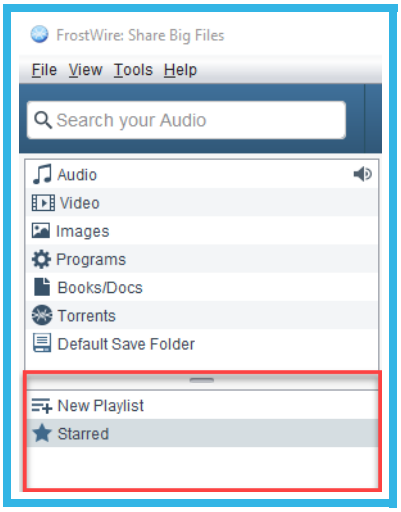

Image 4.3: The Library Tab playlist panel

Adding Files to a Playlist

To add files to a playlist, either drag the file from the center panel of the Library Tab to the playlist panel and drop it over the name of the playlist you want to add it to, or:

1. Right-click the file you want to add to a playlist
2. Select **Add to playlist**
3. Click the name of the playlist you want to add the file to. The file is now added to the playlist.

Removing Files From a Playlist

To remove a file from a playlist, select the file from within the playlist and click **Delete**. The file will no longer be included in the playlist.

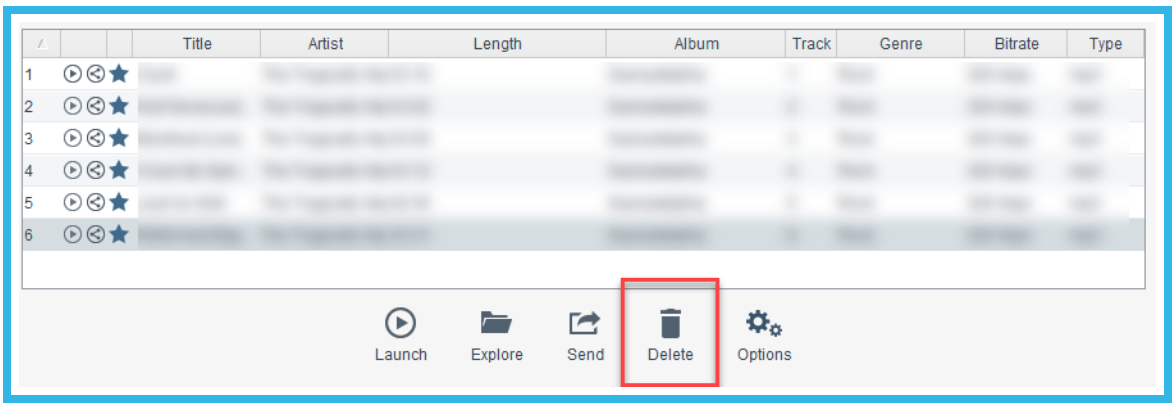

Image 4.4: The Delete icon

Playing Files in the Media Player

To play a file using FrostWire's Media Player, either select a file and click **Launch** in the Library Tab, or click the **Play/Preview** action button of the file you wish you play.

For more information on using the Media Player, see "Chapter 5: Using the Media Player" on page 27..

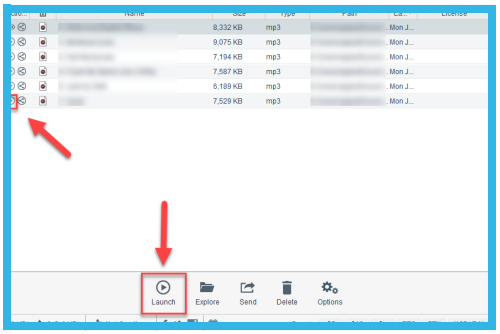

Image 4.5: The Launch icon and the Play/Preview button.

Sending Files from the Library Tab

FrostWire allows you to share with others the files that you have downloaded. This can be done from either the Library Tab or the File Menu. For information on sending a file from the File Menu, see “Sending a File or Folder from the File Menu” on page 29.

To share a file from the Library Tab:

1. Select one or more files from the center panel.
2. Click **Send** in the Library Tab. A dialog box displays asking you if you would like to send the selected file(s) to a friend.
3. Click **Yes** to continue. The All done! Now share the link dialog box displays.
4. Select one of the four sharing options displayed in the dialog box.
5. Provide the information to the person you would like to receive the file.

Note: Keep FrostWire open until the file has been downloaded by at least one other person.

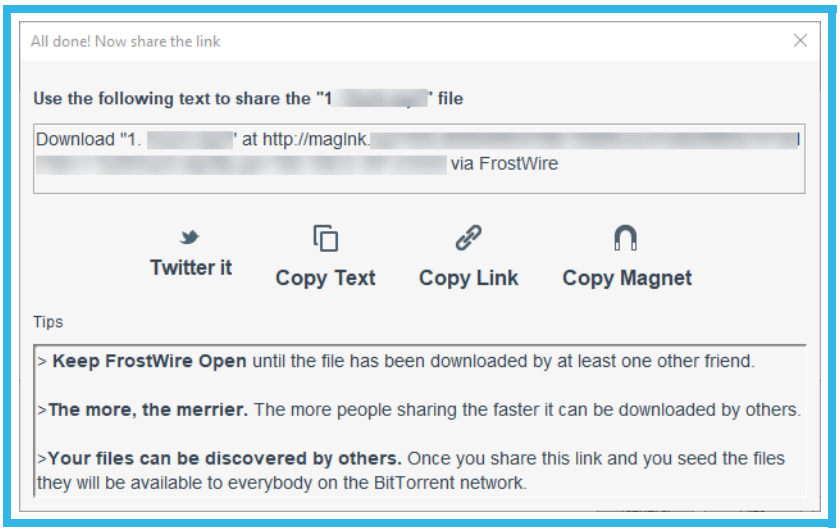

Image 4.6: The All done! Now share the link dialog box

Chapter 5: Using the Media Player

Playing Media

FrostWire's Media Player allows you to play files from your library. When active, the Media Player displays the file name, length, and current playback location of the file being played.

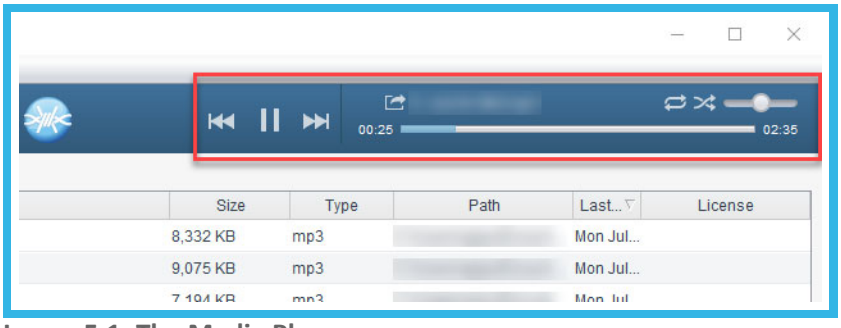

Image 5.1: The Media Player

To play a file in the Media Player, launch a file from the Library Tab by selecting the file and clicking the **Launch** icon in the Library Tab. Alternatively, click the **Play/Preview** action button of the file you wish you play. For more information about using the Library Tab, see "Chapter 4: Using the Library Tab" on page 21.

Image 5.2: The Media Player functions

Changing the Playback Mode

The playback mode of the Media Player can be changed to repeat or shuffle. For information about changing the playback mode of the Media Player, see Table 5.1

If you want to:	Then
Set the playback mode to repeat	Click **Repeat** once
Set the playback mode to single repeat	Click **Repeat** twice
Set the playback mode to shuffle	Click **Shuffle**

Image 5.3: Media Player Playback Modes

Adjusting the Volume

To change the volume in the Media Player, use the **Volume** slider to select your desired volume. Moving the slider to the left will decrease the volume, and moving the slider to the right will increase the volume.

Playing, Pausing and Changing Songs

The Play/Pause button of the Media Player allows you to start and stop playback of a file from your library. For information about playing, pausing, and changing songs in the Media Player, see Table 5.2.

If you want to:	Then
Pause playback of a file	Click **Pause**
Resume playback of a file	Click **Play**
Play the next file in your library or playlist	Click **Next**
Play the previous file in your library or playlist	Click **Previous**

Image 5.4: Playing, Pausing, and Changing Songs in the Media Player

Chapter 6: Using the Toolbar

FrostWire's toolbar is located at the top of the application window and allows you to access a variety of options relating to the functionality of the application.

Using the File Menu

The File menu provides additional functions for managing files in FrostWire.

Sending a File or Folder from the File Menu

FrostWire allows you to send a file or folder from your computer to someone else on the BitTorrent P2P network. This can be done from either the Library Tab or the File Menu. For information on sending a file from the Library Tab, see "Sending Files from the Library Tab" on page 25.

To send a file or folder from the File Menu:

1. Click **File** in the toolbar
2. Select **Send a file or folder...** from the dropdown menu. A new window displays prompting you to select a file that you want to send.
3. Within the window, navigate to and select the file or folder that you wish to send.
4. Click **Select.** A dialog box displays with sharing information.
5. Select one of the four sharing options displayed in the dialog box.
6. Provide the information to the person you would like to receive the file.

Opening Torrents, Magnet Links and Video URLs

Rather than searching for files using the Search Tab, FrostWire also allows you to use a torrent link, magnet link, or web address to download files. For information about links and URLs, see “Glossary” on page 57.

To download a file using a torrent link, magnet link or video URL:

1. Click **File** in the toolbar
2. Select **Open .Torrent, Magnet or Video URL** from the dropdown menu. The Download .Torrent or Magnet Link box displays.
3. Type or paste the magnet link, file path or web address of the torrent file you want to download into the **Open** text box.
4. Click **OK**. FrostWire will start downloading the torrent.

Creating a New Torrent

FrostWire allows you to create your own torrents to be shared on the BitTorrent peer-to-peer (P2P) network. For more information on BitTorrent and P2P networks, see “What is BitTorrent?” on page 8.

To create a new torrent:

1. Click **File** in the toolbar.
2. Select **Create New Torrent** from the dropdown menu. The Create New Torrent window displays.
3. In the Torrent Contents section of the Contents and Tracking tab, click either **Select File** or **Select Folder**. A file navigation window displays.
4. Within the file navigation window, navigate to and select the file or folder you want to create a new torrent with.
5. Click **Open**. The file path of the selected file or folder will now be displayed in the Torrent Contents text box.
6. Click **Save torrent as...**. The Save .torrent window displays.

Note: If you are the content creator of the file and wish to choose a Copyright License for the work, you can do so in the Copyright License tab.

7. Using the Save .torrent window, select the location on your computer that you want to save your new torrent in.
8. Click **Save.** Your new torrent will now be displayed in the Transfers Tab.

Shutting Down FrostWire

You can shut down FrostWire from the File menu in the toolbar. To shut down FrostWire, select either **Close** or **Exit** from the File dropdown menu in the toolbar.

Using the View Menu

The View dropdown menu in toolbar has several options for changing FrostWire's appearance.

Changing to Search/Transfers Split Screen View

If you would prefer to have your transfers permanently visible within FrostWire, you can change to the Search/Transfers split screen view.

With FrostWire set to the Search/Transfers split screen view, the Transfers Tab is replaced with a Transfers section that is permanently visible.

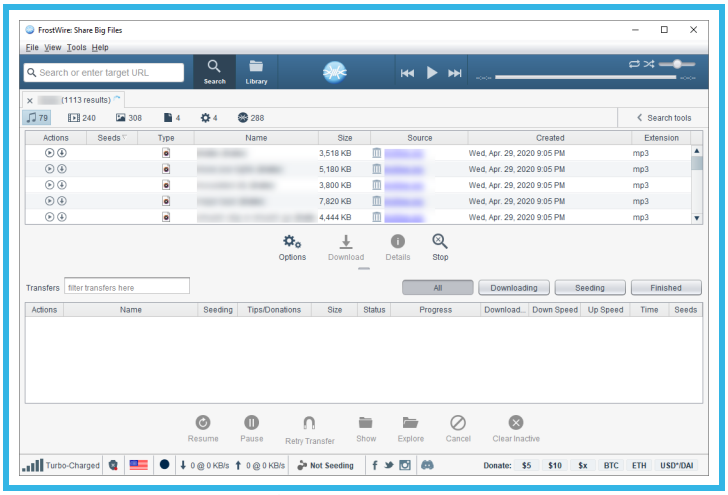

Image 6.1: The Search/Transfers split screen view

To change to the Search/Transfers split screen view:

1. Click **View** in the toolbar.
2. Select **Search/Transfers split screen** from the dropdown menu. A message box displays informing you that you need to restart FrostWire for the change to take effect.
3. Click **OK** to close the message box.
4. Close FrostWire.
5. Reopen FrostWire. The Search/Transfers split screen view is now active.

Changing the Icon Display

If you would prefer to have FrostWire's icons display at a smaller size, you can change this using the View dropdown menu in the toolbar. To use small icons, click **View** in the toolbar and select **Use Small Icons** from the dropdown menu. FrostWire's icons will now display in a small size. To revert back to regular sized icons, deselect **Use Small Icons** in the View dropdown menu.

You can also change whether or not FrostWire will display the icon text beneath the icons. By default, the icon text is displayed. If you would like to hide the icon text, click **View** in the toolbar and deselect **Show Icon Text** from the dropdown menu. The icon text will now be hidden. To display the icon text again, reselect **Show Icon Text** in the View dropdown menu.

Changing Font Size

You can change the font size within FrostWire from the View dropdown menu in the toolbar.

To increase the font size, click **View** in the toolbar and select **Increase Font Size** from the dropdown menu. You can also increase the font size by pressing **Control + Plus** on your keyboard.

To decrease the font size, click **View** in the toolbar and select **Decrease Font Size** from the dropdown menu. You can also decrease the font size by pressing **Control + Minus** on your keyboard.

Changing Language

FrostWire can be used in a variety of languages.

To change the language displayed in FrostWire:

1. Click **View** in the toolbar.
2. Select **Change Language** from the dropdown menu. The Change language box is displayed.
3. From the dropdown menu in the Change language box, select your preferred language.
4. Click **OK** to close the Change language box. A message box will display informing you of the need to restart FrostWire.
5. Press **OK** to close the message box.
6. Close FrostWire.
7. Reopen FrostWire. FrostWire will now be displayed in your language of choice.

Using the Tools Menu

Using FrostWire's Tools menu, you can rebuild your iTunes "FrostWire" playlist, access the Options dialog box, and ensure FrostWire is up to date.

Rebuilding iTunes "FrostWire" Playlist

FrostWire can build an iTunes playlist for you using files from your FrostWire library. Rebuilding the iTunes "FrostWire" playlist removes the playlist from iTunes and replaces it with a new playlist containing all of the compatible files in FrostWire's "Torrent Data" folder.

To rebuild your iTunes "FrostWire" playlist:

1. Click **Tools** in the toolbar.
2. Select **Rebuild iTunes "FrostWire" Playlist** from the dropdown menu. A warning box displays
3. Click **Yes** if you wish to continue. Your iTunes "FrostWire" playlist is now rebuilt.

Opening the Options Dialog Box

The Options dialog box can be accessed from the Tools menu. To open the Options dialog box, click **Tools** in the toolbar and select **Options** from the dropdown menu. For information on using the Options dialog box, see "Chapter 7: Using the Options Dialog Box" on page 37.

Viewing Update Status

You can check to see if FrostWire is up to date using the Tools menu. To check the update status of FrostWire, click **Tools** in the toolbar. The update status of FrostWire is displayed in the dropdown menu.

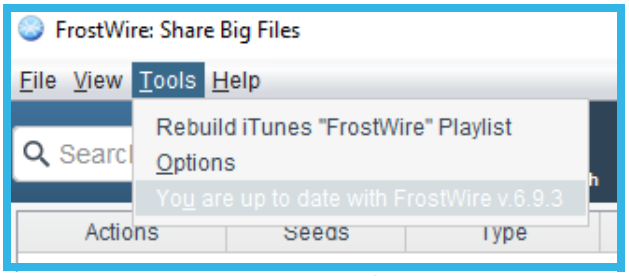

Image 6.2: Checking FrostWire's update status

Using the Help Menu

The Help menu contains links to external information, and allows you to open the Tip of the Day, About FrostWire, and Send Feedback dialog boxes.

Viewing External FrostWire Information

From the Help dropdown menu in the toolbar, you can access several links to external information about FrostWire. The links to external information included in the Help dropdown menu are:

- How to use FrostWire (Video)
- FrostWire for Android
- What is “Seeding”?
- What is a VPN?
- Support FrostWire
- Support with CryptoCurrencies
- FrostClick.com
- Discord chat
- Reddit
- Follow us on Twitter
- Follow us on Facebook
- Follow us on Instagram
- Did you pay for FrostWire?

To access the external information contained in these links, click **Help** in the toolbar and select the information you wish to view from the dropdown menu. The information will be displayed in your web browser.

Viewing the Tip of The Day

The Tip of the Day dialog box displays useful tips about FrostWire. The Tip of the Day dialog box can be accessed from the Help menu by clicking **Help** in the toolbar and selecting **Tip of the Day** from the dropdown menu.

Viewing Information About FrostWire

The About FrostWire dialog box displays information about your version of FrostWire as well as developer information. The About FrostWire dialog box can be accessed from the Help menu by clicking **Help** in the toolbar and selecting **About FrostWire** from the dropdown menu.

Sending Feedback

You can send feedback about FrostWire using the Feedback dialog box. This feedback can be used to improve FrostWire.

To send feedback using the Feedback dialog box:

1. Click **Help** in the toolbar
2. Select **Send Feedback** from the dropdown menu. The Feedback dialog box displays.

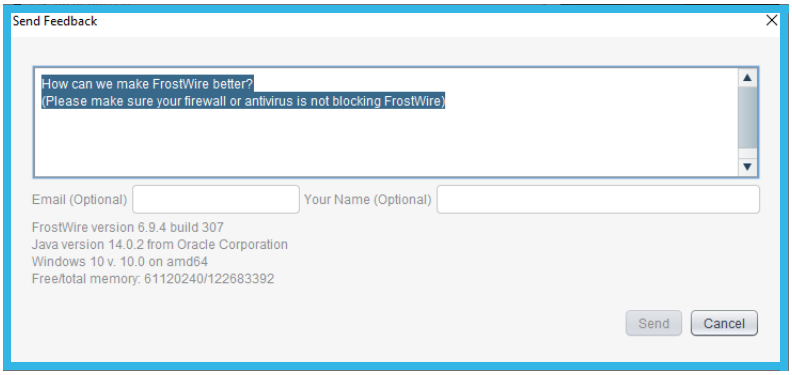

Image 6.3: The Send Feedback dialog box

3. In the large text box, enter your feedback.
4. Optional: enter your e-mail address into the **E-mail** text box.
5. Optional: enter your name into the **Your Name** text box.
6. Click **Send** to submit your feedback and close the Send Feedback dialog box.

Chapter 7: Using the Options Dialog Box

The Options dialog box allows you to change various settings to customize FrostWire to your liking.

Accessing the Options Dialog Box

To access the Options dialog box, either click **Options** in the Library Tab or click **Tools** in the toolbar and select **Options** from the dropdown menu.

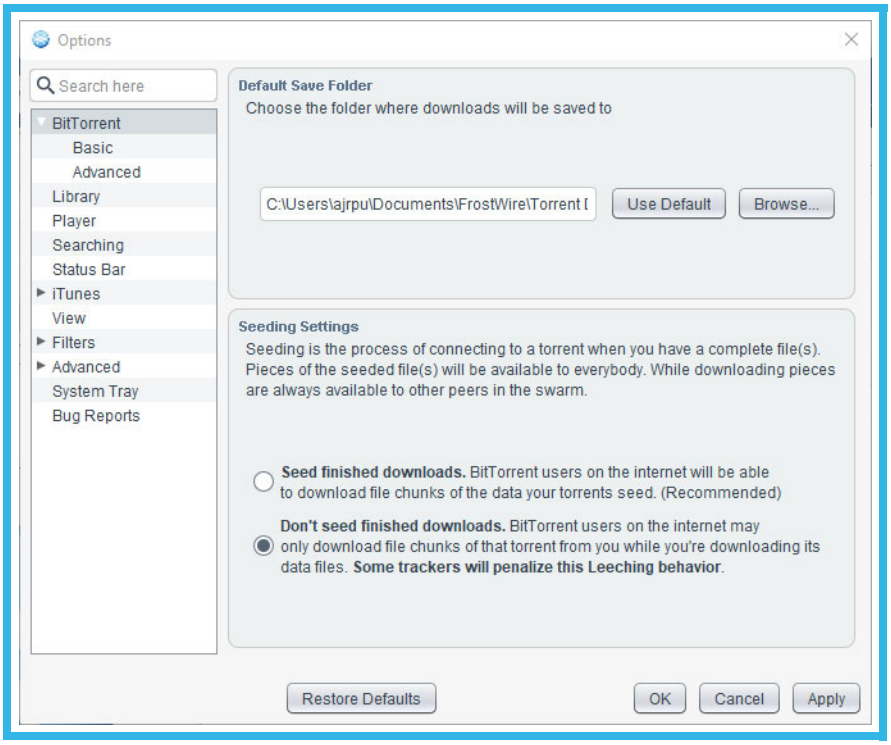

Image 7.1: The Options dialog box

Changing BitTorrent Options

The BitTorrent section of the Options dialog box allows you to change your default save folder, seeding settings, BitTorrent global transfer speeds and BitTorrent connection settings.

Changing the Default Save Folder

FrostWire can save your downloads to any folder that you want. By default, FrostWire creates a folder called “Torrent Data” and saves your downloads to this folder.

To change the default save folder:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. In the Default Save Folder section, click **Browse...**.Within the Select Folder window, select the folder that you want FrostWire to save your downloads to.
3. Click **Select** to confirm your choice. The Select Folder window will close.
4. Click **Apply** to save your change.

Changing Seeding Settings

You can instruct FrostWire to automatically seed your finished downloads or not. The Seeding Settings section can be seen in Image 7.1 on page 37

The first time you open FrostWire, you are asked to indicate your preference in the Setup Wizard. If you want to change your choice, you can do so using the Seedings Settings section of the Options dialog window.

To change the Seeding Settings:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. In the Seeding Settings section, indicate whether you would like FrostWire to automatically seed finished downloads by selecting the option button beside your choice.
3. Click **Apply** to save your change.

Changing the BitTorrent Global Transfer Speeds

In the BitTorrent Global Transfer Speeds section of the Options dialog box, you can set the maximum download and upload speeds for transfers in FrostWire.

To change the BitTorrent global transfer speeds:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Global Transfer Speeds section, use the **Download Speed** slider to set the maximum download speed in KB/s.
4. Use the **Upload Speed** slider to set the maximum upload speed in KB/s.
5. Click **Apply** to save your change.

Changing the BitTorrent Connection Settings

In the BitTorrent Connection Settings section of the Options dialog box, you can adjust your connection settings to make the most use of your Internet connection within FrostWire.

Enabling or Disabling Distributed Hash Table (DHT)

In the BitTorrent Connection Settings, you can enable or disable DHT. For information on DHT, see “Glossary” on page 57.

To enable or disable DHT:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Connection Settings section, select or clear **Distributed Hash Table (DHT)** according to your preference.
4. Click **Apply** to save your change.

Enabling or Disabling VPN Drop Protection

In the BitTorrent Connection Settings section of the Options dialog box, you can indicate whether you would like FrostWire to require a VPN in order to access files via the BitTorrent network.

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown.
3. In the BitTorrent Connection Settings section, select or clear **VPN-Drop Protection. Require VPN for connection to BitTorrent** according to your preference.
4. Click **Apply** to save your change.

Setting the Maximum Number of Active Downloads

In the BitTorrent Connection Settings section of the Options dialog box, you can indicate the maximum number of active downloads you would like FrostWire to allow.

To set the maximum number of active downloads:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Connection Settings section, type the maximum number of active downloads you would like FrostWire to allow into the **Maximum active downloads** text box.
4. Click **Apply** to save your change.

Setting the Maximum Number of Active Seeds

In the BitTorrent Connection Settings section of the Options dialog box, you can also indicate the maximum number of active seeds you would like FrostWire to allow.

To set the maximum number of active seeds:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Connection Settings section, type the maximum number of active downloads you would like FrostWire to allow into the **Maximum active seeds** text box.
4. Click **Apply** to save your change.

Setting the Global Maximum Number of Connections

In the BitTorrent Connection Settings section of the Options dialog box, you can change the global maximum number of connections you would like FrostWire to allow. This includes both downloads and seeds.

To set the global maximum number of connections:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Connection Settings section, type the global maximum number of connections you would like FrostWire to allow into the **Global maximum number of connections** text box.
4. Click **Apply** to save your change.

Setting the Maximum Number of Peers

In the BitTorrent Connection Settings section of the Options dialog box, you can change the maximum number of peers you would like FrostWire to allow.

To set the maximum number peers:

1. Select **BitTorrent** from the Options dialog box side navigation menu.
2. Select **Advanced** from the BitTorrent dropdown in the Options dialog box side navigation menu.
3. In the BitTorrent Connection Settings section, type the maximum number of peers you would like FrostWire to allow into the **Maximum number of peers** text box.
4. Click **Apply** to save your change.

Adding and Removing Library Folders

In the Library Included Folders section of the Options dialog box, you can indicate which folders you would like to include in your FrostWire Library. All the compatible files in the indicated folders will be displayed in the Library Tab. For more information on the Library Tab, see “Chapter 4: Using the Library Tab” on page 21.

To add a library folder:

1. Select **Library** from the Options dialog box side navigation menu.
2. In the Library included folders section, click **Add**. The Select Folder window displays.
3. Using the Select Folder window, select the folder you would like to be included in your FrostWire Library.
4. Click **Select**.
5. Click **Apply** to save your change.

To remove a library folder:

1. Select **Library** from the Options dialog box side navigation menu.
2. In the Library included folders section, select the folder you want to remove.
3. Click **Remove**.
4. Click **Apply** to save your change.

Note: You can also disable a folder rather than removing it. To enable or disable library folders, select or clear the checkbox beside the folder name in the Library included folders section.

Changing FrostWire Media Player Options

If the formatting is supported, you can play your FrostWire media with your operating systems native media player.

To play your media with the native media player:

1. Select **Player** from the Options dialog box side navigation menu.
2. In the FrostWire Media Player section, click **Play with the native media player**.
3. Click **Apply** to save your change.

To play search result video previews with your internal media player:

1. Select **Player** from the Options dialog box side navigation menu.
2. In the FrostWire Media Player section, click **Play search result video previews with internal player**.
3. Click **Apply** to save your change.

Changing Search Options

Using the Options dialog box, you can change the way FrostWire searches for files. You can instruct FrostWire on which search engines to use, set the maximum number of simultaneous searches, enable or disable Smart Search, and show the details web page.

Selecting Search Engines

You can instruct FrostWire to only use particular search engines. For information about search engines, see “Glossary” on page 57.

To select which search engines you want FrostWire to use:

1. Select **Searching** from the Options dialog box side navigation menu.
2. In the Search Engines section, select which engines you want FrostWire to use by selecting or deselecting the checkboxes beside the search engine names.
3. Click **Apply** to save your change.

Setting the Maximum Number of Simultaneous Searches:

To set the maximum number of simultaneous searches:

1. Select **Searching** from the Options dialog box side navigation menu.
2. In the Maximum searches section, enter the maximum number of simultaneous searches you want FrostWire to allow into the **Maximum Searches** text box.
3. Click **Apply** to save your change.

Enabling and Disabling Smart Search

The Smart Search database is used to make individual file searches faster. FrostWire remembers information about the content of torrent files to make this possible. You can choose whether to enable or disable Smart Search.

To enable or disable Smart Search:

1. Select **Searching** from the Options dialog box side navigation menu.
2. In the Smart Search section, select or clear **Enable Smart Search** according to your preference.
3. Click **Apply** to save your change.

If you want to reset the Smart Search database, click **Reset Smart Search Database** in the Smart Search section.

Showing or Hiding the Details Page

You can choose whether or not FrostWire will display the details web page after a download begins.

To show or hide the details web page:

1. Select **Searching** from the Options dialog box side navigation menu.
2. In the Details Page section, select or clear **Show web details after a download starts** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling the Status Bar Indicators

The Status Bar is displayed along the bottom of the FrostWire application window and shows various information about FrostWire. Using the Options dialog box, you can enable or disable the Connection Quality, Firewall and Bandwidth Status Bar Indicators.

Enabling or Disabling the Connection Quality Indicator

The Connection Quality Indicator displays a measurement of your connection quality in the Status Bar.

To enable or disable the Connection Quality Indicator:

1. Select **Status Bar** from the Options dialog box side navigation menu.
2. In the Connection Quality Indicator section, select or clear **Show Connection Quality Indicator** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling the Firewall Indicator

The Firewall Indicator displays your firewall status in the Status Bar. For information about firewalls, see “Glossary” on page 57.

To enable or disable the Firewall Indicator:

1. Select **Status Bar** from the Options dialog box side navigation menu.
2. In the Firewall Indicator section, select or clear **Show Firewall Indicator** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling the Bandwidth Indicator

The Bandwidth Indicator displays your bandwidth consumption in the Status Bar. For information about bandwidth, see “Glossary” on page 57.

To enable or disable the Bandwidth Indicator:

1. Select **Status Bar** from the Options dialog box side navigation menu.
2. In the Bandwidth Indicator section, select or clear **Show Bandwidth Indicator** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling iTunes Importing

FrostWire can automatically import downloaded songs into your iTunes library.

To enable or disable iTunes importing:

1. Select **iTunes** from the Options dialog box side navigation menu.
2. In the Importing section, select or clear **Enable iTunes importing** according to your preference.
3. Click **Apply** to save your change.

Changing View Options

In the Options dialog box, you can change several settings related to FrostWire's general display. You can choose to display FrostWire popups, FrostClick Promotions, and FrostWire recommendations, and enable or disable text autocompletion.

Redisplaying FrostWire Popups

When you see popup messages in FrostWire, you can choose "Do not display this message again" or "Always use this answer". If you wish to redisplay these messages and restore the default popups, you can do so.

To redisplay FrostWire popups:

1. Select **View** from the Options dialog box side navigation menu.
2. In the FrostWire Popups section, select **Revert to Default**.
3. Click **Apply** to save your change.

Enabling or Disabling FrostClick Promotions

FrostClick promotions promote artists and content creators on home page of FrostWire. You can choose to either enable or disable these promotions. FrostWire strongly recommends you leave them enabled.

To enable or disable FrostClick promotions:

1. Select **View** from the Options dialog box side navigation menu.
2. In the FrostClick Promotions section, select or clear **Enable FrostClick Promotions** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling FrostWire Recommendations

FrostWire recommendations are sponsored offers and software recommendations to improve your experience with FrostWire. You can choose to enable or disable these recommendations. FrostWire strongly recommends you leave them enabled.

To enable or disable FrostWire recommendations:

1. Select **View** from the Options dialog box side navigation menu.
2. In the FrostWire Recommendations section, select or clear E**nable FrostWire Recommendations** according to your preference.
3. Click **Apply** to save your change.

Enabling or Disabling Text Autocompletion

FrostWire can autocomplete text fields for you using text autocompletion.

To enable or disable text autocompletion:

1. Select **View** from the Options dialog box side navigation menu.
2. In the Text Autocompletion section, select or clear **Enable Autocompletion of Text Fields** according to your preference.
3. Click **Apply** to save your change.

Changing Filter Results

In the Options dialog box, you can filter out search results based on a particular keyword. For information on keywords, see “Glossary” on page 57. You can also choose whether you want FrostWire to include adult content in search results.

To add a keyword filter:

1. Select **Filters** from the Options dialog box side navigation menu.
2. In the Filter Results section, type the keyword you want to be excluded from search into the text box.
3. Click **Add**. The word now appears in the filter results list.
4. Click **Apply** to save your change.

To remove a keyword filter:

1. Select **Filters** from the Options dialog box side navigation menu.
2. In the Filter Results section, select the keyword filter you want to remove.
3. Click **Remove**. The word no longer appears in the filter results list.
4. Click **Apply** to save your change.

To filter adult content from search results, select or clear **Ignore Adult Content** in the Filter Results section according to your preference.

Changing Advanced Options

FrostWire has several advanced options that can be changed in the Options dialog box.

Enabling or Disabling Automatic Installer Downloads

FrostWire can automatically download a new installer via BitTorrent when available. After downloading, the next time you start FrostWire you will be notified of the new installer. For information about installers, see “Glossary” on page 57.

To enable or disable automatic installer downloads:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Updates** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Automatic Installer Download section, select or clear **Download new installers for me** according to your preference.
4. Click **Apply** to save your change.

Enabling or Disabling Experimental Features

Experimental ALPHA and BETA features can be enabled in FrostWire. These features are being developed and tested by FrostWire developers and may have problems. For information about ALPHA and BETA features, see “Glossary” on page 57.

Warning: Experimental features are unstable. FrostWire makes no guarantees of security, privacy or reliability when using ALPHA or BETA features.

To enable or disable experimental features:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Experimental** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Experimental Features section, select or clear **Enable ALPHA features** and/or **Enable BETA features** according to your preference.
4. Click **Apply** to save your change.

Configuring Firewalls and Routers

FrostWire can be configured to work behind a firewall or router. FrostWire can automatically configure your firewall or router for optimal performance using UPnP. For information on UPnP, see “Glossary” on page 57.

To use a random port:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Firewall** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Router Configuration section, select **Use random port (recommended).** This is selected by default.
4. Click **Apply** to save your change.

To enter a manual port range:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Firewall** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Router Configuration section, select **Manual port range**.
4. Enter the PCP port start and end into the respective text boxes.
5. Click **Apply** to save your change.

Configuring Proxy Options

FrostWire can be configured to operate using a proxy. For information about Proxies, see “Glossary” on page 57.

To configure the Proxy Options:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Proxy** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Proxy Options section, use the option buttons to select the Proxy type.
4. In the **Proxy** text box, enter a Proxy address.
5. In the **Port** text box, enter a port number.
6. In the login details section, enter your username and password.
7. Click **Apply** to save your change.

Changing Network Interface Options

You can instruct FrostWire to bind outgoing connections to a specific IP address from a specific network interface. For information about IP addresses, see “Glossary” on page 57.

To use a specific network interface:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **Network Interface** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Network Interface section, select **Use a specific network interface.**
4. Select the option button beside the network interface you wish to use.
5. Click **Apply** to save your change.

Changing File Associations

You can use FrostWire to always open certain file types and protocols.

To change the file association settings:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **File Associations** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the Links and File Types section, under Use FrostWire for..., select **“.torrent” files** and/or **“.magnet:” links** according to your preference.
4. Under What should FrostWire do with the selected associations on startup?, select the option button beside your preferred option.
5. Click **Apply** to save your change.

Changing System Startup Options

You can choose whether to automatically open FrostWire when your computer starts.

To change the system startup options:

1. Select **Advanced** from the Options dialog box side navigation menu.
2. Select **System Boot** from the Advanced dropdown in the Options dialog box side navigation menu.
3. In the System Startup section, select or clear **Run on System Startup** according to your preference.
4. Click **Apply** to save your change.

Changing Shutdown Behaviour

You can change FrostWire's shutdown behaviour using the Options dialog box.

To change FrostWire's shutdown behaviour:

1. Select **System Tray** from the Options dialog box side navigation menu.
2. In the Shutdown Behaviour section, select or clear **Shutdown Immediately** or **Minimize to System Tray** according to your preference.
3. If you want a Shutdown Behaviour dialog box to display before FrostWire closes, select **Show dialog to ask before close**.
4. Click **Apply** to save your change.

Changing Bug Report Options

You can choose how bug reports should be sent in FrostWire. To navigate to the Bug Reports page in the Options dialog box, select **Bug Reports** from the side navigation menu. See Table 7.1 for details on how to change FrostWire's Bug Report Options.

If you want FrostWire to:	Then select:
Immediately send a bug report when an error occurs	**Always Send Immediately**
Ask for permission before sending a bug report	**Always Ask For Review**
Always ignore bugs and never send a bug report	**Always Discard All Errors**
Send bug reports automatically when frozen	**Send Errors Automatically if FrostWire is Frozen**

Image 7.2: Bug Report Options

Restoring Default Settings

You can restore FrostWire's default settings at any time using the Options dialog box. To restore FrostWire's default settings, open the Options dialog box and click **Restore Defaults**.

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Glossary

Table 8.1: Glossary[a]

Term	Definition
ALPHA	The first phase of the software release and testing process. ALPHA software may contain serious errors, and any resulting instability could cause crashes or data loss.
Bandwidth	The maximum rate of data transfer across a given path.
BETA	The software development phase following ALPHA. BETA software features are mostly complete but likely to contain a number of known or unknown bugs.
Distributed Hash Table (DHT)	A distributed system that provides a lookup service. DHTs form an infrastructure that can be used to build more complex services like peer-to-peer file sharing.
Firewall	A network security system that establishes a barrier between a trusted network and an untrusted network.
Installer	A computer program that installs files, such as applications, drivers, or other software, onto a computer.
IP address	Internet Protocol address (IP address) is a numerical label such as that is connected to a computer network. IP addresses are used to locate and identify users on a network.
Keyword	A word used for Internet search that is related in some way to the information being searched for.

Table 8.1: Glossary[a]

Term	Definition
Magnet link	A standard for identifying files by their content.
Open source software	Computer software that is released under a license in which the copyright holder grants users the rights to use, study, change, and distribute the software and its source code to anyone and for any purpose.
PCP	Port Control Protocol (PCP) is a computer networking protocol.
Peer-to-peer (P2P)	Peer-to-peer (P2P) computing or networking is a distributed application architecture that divides tasks or workloads between peers in a network.
Peers	Peers are participants in a peer-to-peer (P2P) network.
Pieces	Fragments of a file that are distributed between peers across a peer-to-peer (P2P) network.
Proxy	A computer system or router that functions as a relay between a client and a server.
Search engine	A search engine is a software system that is designed to carry out web searches and return results based on keywords.
Seeding	The uploading of already downloaded content for others to download from on a peer-to-peer (P2P) network.
Torrent	A computer file that contains metadata about files and folders to be distributed on a network.
Tracker	A special type of server that assists in the communication between peers using the BitTorrent protocol.
UPnP	Universal Plug and Play (UPnP) is a set of networking protocols that allows devices to discover each other's presence on a network and establish functional network services.
URL	A Uniform Resource Locator (URL), also known as a web address, is a reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it.
VPN	A virtual private network (VPN) enables users to send and receive data across shared or public networks as if their computing devices were directly connected to a private network.

a. All information retrieved from Wikipedia.