

Fast-Horse-2026 - Video Resource Downloader

Fast-Horse-2026 Video Downloader Python 3.10+ GUI PySide6 Platform Linux | Windows | macOS






A powerful, feature-rich desktop application for downloading videos from YouTube, Bilibili, and other platforms with a modern PySide6 interface, bilingual support, and advanced configuration options.

✨ Features

Core Features

- **Multi-Platform Support:** Download videos from YouTube, Bilibili (B站), and more
- **Modern GUI:** Clean, professional interface with dark/light theme support
- **Video Preview:** Fetch and display video information (title, duration, uploader, views)
- **Multiple Formats:** Download in various qualities (1080p, 720p, 480p, MP3 audio)
- **Playlist Support:** Download entire playlists with automatic folder organization
- **Progress Tracking:** Real-time download progress with speed and ETA
- **Folder Selection:** Choose custom download location

Advanced Features

-  **Bilingual UI:** Full Chinese/English language support with dynamic switching
-  **Configurable Proxy:** SOCKS5/HTTP proxy support with integrated settings
-  **Theme Switching:** Dark/Light theme toggle with preference saving
-  **Tab Interface:** Modern tab layout (Main/Settings) for better user experience
-  **Performance:** Multi-threaded downloads with progress tracking

📸 Screenshots

(Application screenshots would go here)

🚀 Quick Start

Download Pre-built Executable

Linux

1. Download `Fast-Horse-2026-linux-x64.tar.gz` from releases
2. Extract: `tar -xzf Fast-Horse-2026-linux-x64.tar.gz`
3. Run: `./Fast-Horse-2026`

Windows

1. Download `Fast-Horse-2026-v0.0.2-win-x64.zip` from releases
2. Extract the ZIP file
3. Run: Double-click `Fast-Horse-2026.exe` or use `run.bat`

From Source

```
# Clone repository
git clone https://gitee.com/kzeng/fast-horse-2026.git
cd fast-horse-2026

# Create virtual environment
python -m venv venv
source venv/bin/activate # Linux/Mac
# venv\Scripts\activate # Windows

# Install dependencies
pip install -r requirements.txt

# Run application
cd src
python main.py
```

Installation

Dependencies

- Python 3.10+
- PySide6 (GUI framework)
- yt-dlp (YouTube download engine)
- PyYAML (configuration)
- secretstorage (browser cookies access)

FFmpeg (Recommended)

For MP4 downloads with audio, install FFmpeg:

- **Linux:** `sudo apt install ffmpeg`
- **macOS:** `brew install ffmpeg`
- **Windows:** Download from ffmpeg.org

Usage

Supported Platforms

- **YouTube:** Full support with format selection and playlist download
- **Bilibili (B站):** Full support with smart format detection
- **Other Platforms:** yt-dlp supported platforms

Basic Usage

1. **Launch** the application
2. **Paste video URL** (YouTube or Bilibili) in the input field
3. **Click "Fetch Info"** to load video details
4. **Select format** from dropdown
5. **Choose download folder** (optional)

6. Click **"Download"** to start

Advanced Features

- **Language Switch:** Settings tab → Language section → English/中文
- **Proxy Settings:** Settings tab → Proxy Settings section
- **Theme Switch:** Settings tab → Theme section → Dark/Light
- **About Info:** Settings tab → About section with author and version
- **Playlist Download:** Paste playlist URL, all videos download to playlist folder



Project Structure

```
fast-horse-2026/
├── src/
│   ├── main.py                # Application entry point
│   └── app/
│       ├── __init__.py
│       ├── main_window.py      # Main window UI with tab layout
│       │   (QMainWindow)
│       ├── download_manager.py # yt-dlp integration with proxy support
│       ├── translations.py     # Bilingual translation system
│       ├── style.qss           # Dark theme stylesheet
│       └── style_light.qss     # Light theme stylesheet
├── requirements.txt            # Python dependencies
├── build.sh                   # Build script for Linux
├── Fast-Horse-2026.spec       # PyInstaller specification
├── INSTALL.md                 # Detailed installation guide
├── BUILD_SUMMARY.md           # Build and feature documentation
└── README.md                  # This file
```



Configuration

Tab Interface

The application features a modern tab-based interface:

- **Main Tab:** Video downloader interface (URL input, format selection, progress)
- **Settings Tab:** All configuration options in one place:
 - **Language Section:** Switch between English/中文
 - **Theme Section:** Toggle between Dark/Light themes
 - **Proxy Settings:** Configure SOCKS5/HTTP/No proxy
 - **About Section:** Author info (Zengkai001@qq.com), version (0.0.2), and application logo

Bilibili Support

- Automatic URL detection for Bilibili videos
- Smart format selection (**bestvideo+bestaudio**) for optimal downloads
- Extended timeout for larger Bilibili videos
- Requires Firefox cookies for access (login in Firefox first)

Proxy Settings

Configure proxy through Settings tab → Proxy Settings:

- **No Proxy:** Direct connection
- **SOCKS5:** SOCKS5 proxy support
- **HTTP:** HTTP proxy support
- Settings saved automatically

Language Settings

- **English:** Complete English UI
- **中文:** Complete Chinese UI
- Dynamic switching without restart

Theme Settings

- **Dark Theme:** Professional dark interface (default)
- **Light Theme:** Clean light interface
- Preference saved between sessions



Development

Building from Source

Linux / macOS

```
# Install build dependencies
pip install pyinstaller

# Build executable
./build.sh

# Output: dist/Fast-Horse-2026
# Package: Fast-Horse-2026-linux-x64.tar.gz
```

Windows

```
# Install build dependencies
pip install pyinstaller

# Build executable
build.bat

# Output: dist\Fast-Horse-2026.exe
# Package: Fast-Horse-2026-v0.0.2-win-x64.zip
```

Note: The Windows build script (`build.bat`) will automatically download FFmpeg and Deno.

Adding New Translations

1. Edit `src/app/translations.py`
2. Add translation keys to both `_english_translations()` and `_chinese_translations()`
3. Use `translator.get('key')` in UI code

Adding New Themes

1. Create new `.qss` file in `src/app/`
2. Update `load_stylesheet()` method in `main_window.py`
3. Add theme option to menu



Troubleshooting

Common Issues

1. **"Bot detection"**: Log into the video site in browser first, app uses browser cookies
2. **"No video formats"**: Install Deno for JavaScript challenge solving
3. **"Network error"**: Check proxy settings or try without proxy
4. **"FFmpeg not found"**: Install FFmpeg for MP4 with audio
5. **Bilibili HTTP 412**: Ensure Firefox is logged into Bilibili, cookies required

Bilibili Specific

- **Cookies Required**: Bilibili requires Firefox cookies for access
- **Login First**: Open Bilibili in Firefox and log in before using the app
- **Extended Timeout**: Bilibili videos may take longer to fetch (25s timeout)

Deno Installation (for JS challenges)

```
# Install Deno
curl -fsSL https://deno.land/install.sh | sh

# Add to PATH
export PATH="$HOME/.deno/bin:$PATH"
```



License

MIT License - see [LICENSE](#) file for details.



Acknowledgments

- [yt-dlp](#) - Powerful YouTube download engine
- [PySide6](#) - Qt Python bindings for GUI
- [FFmpeg](#) - Multimedia framework
- [Deno](#) - JavaScript/TypeScript runtime for JS challenges

Contributing

1. Fork the repository
2. Create feature branch: `git checkout -b feature/amazing-feature`
3. Commit changes: `git commit -m 'Add amazing feature'`
4. Push to branch: `git push origin feature/amazing-feature`
5. Open Pull Request

Support

- **Issues:** [GitHub Issues](#)
- **Documentation:** See [INSTALL.md](#) for detailed instructions

中文文档

快速开始

Linux

1. 下载预编译版本: 从发布页面下载 `Fast-Horse-2026-linux-x64.tar.gz`
2. 解压: `tar -xzf Fast-Horse-2026-linux-x64.tar.gz`
3. 运行: `./Fast-Horse-2026`

Windows

1. 下载预编译版本: 从发布页面下载 `Fast-Horse-2026-v0.0.2-win-x64.zip`
2. 解压: 解压 ZIP 文件
3. 运行: 双击 `Fast-Horse-2026.exe` 或运行 `run.bat`

从源码运行

```
# 克隆仓库
git clone https://gitee.com/kzeng/fast-horse-2026.git
cd fast-horse-2026

# 创建虚拟环境
python -m venv venv
source venv/bin/activate # Linux/Mac
# venv\Scripts\activate # Windows

# 安装依赖
pip install -r requirements.txt

# 运行应用
cd src
python main.py
```

使用说明

1. **主界面标签页**: 粘贴视频链接 (YouTube或B站) , 获取视频信息, 选择格式, 下载视频
2. **设置标签页**:
 - **语言设置**: 切换英文/中文界面
 - **主题设置**: 切换深色/浅色主题
 - **代理设置**: 配置SOCKS5/HTTP代理
 - **关于信息**: 作者Zengkai001@qq.com, 版本0.0.2, 应用图标

B站支持

- **自动检测**: 自动识别B站视频链接
- **智能格式**: 自动选择最佳格式 (bestvideo+bestaudio)
- **延长超时**: B站视频较大, 获取时间更长 (25秒超时)
- **需要Cookies**: B站需要Firefox登录cookie

功能特点

- **多平台支持**: 支持YouTube、B站(Bilibili)等主流视频平台
- **现代化标签界面**: 主界面/设置标签页布局, 操作更直观
- **双语支持**: 完整的中文/英文界面, 实时切换
- **代理配置**: 支持SOCKS5/HTTP代理, 解决网络限制
- **主题切换**: 深色/浅色主题, 保护眼睛
- **播放列表支持**: 下载整个播放列表, 自动创建文件夹

常见问题

1. **"机器人检测"**: 先在浏览器登录视频网站, 应用会使用浏览器cookies
2. **"没有视频格式"**: 安装Deno解决JavaScript挑战
3. **"网络错误"**: 检查代理设置或尝试不使用代理
4. **"FFmpeg未找到"**: 安装FFmpeg以支持带音频的MP4下载
5. **B站HTTP 412错误**: 确保Firefox已登录B站, 需要cookies

B站特定问题

- **需要Cookies**: B站需要Firefox登录cookie才能访问
- **先登录**: 使用前请在Firefox中打开B站并登录
- **延长超时**: B站视频获取可能需要更长时间 (25秒超时)

Deno安装 (解决JS挑战)

```
# 安装Deno
curl -fsSL https://deno.land/install.sh | sh

# 添加到PATH
export PATH="$HOME/.deno/bin:$PATH"
```

