

Ngrok URL Automation Guide

This guide explains how to use the automation scripts to update the ngrok URL across your project files when you start a new Kaggle notebook instance.

Option 1: Using the Python Script

Requirements

- Python 3.6+
- Access to the project directory containing your HTML, CSS, and JS files

Steps

1. **Save the Script:** Save `automate_api.py` to your project directory.

2. **Make it Executable** (Linux/macOS):

```
bash
```

```
chmod +x automate_api.py
```

3. **Run the Script:**

```
bash
```

```
# Basic usage
```

```
python automate_api.py --url "https://new-ngrok-url.ngrok-free.app"
```

```
# If your files are in a different directory
```

```
python automate_api.py --url "https://new-ngrok-url.ngrok-free.app" --directory "/path/to/p
```



4. **Verify the Changes:** The script will report which files were updated and how many replacements were made.

Option 2: Using the Bash Script

Requirements

- Bash shell (Linux/macOS, or Windows with Git Bash or WSL)
- Access to the project directory

Steps

1. **Save the Script:** Save `automate_api.sh` to your project directory.

2. Make it Executable:

```
bash
```

```
chmod +x automate_api.sh
```

3. Run the Script:

```
bash
```

```
./automate_api.sh "https://new-ngrok-url.ngrok-free.app"
```

4. **Follow Prompts:** The script will ask for confirmation before making changes.

How to Get the Ngrok URL from Kaggle

When you run your Kaggle notebook with the GrokVIT models, you'll need to extract the ngrok URL. Here's how:

1. In your Kaggle notebook, look for the output where ngrok is started
2. Find the line that shows the public URL, typically in the format: `https://xxxx-xx-xx-xxx-xx.ngrok-free.app`
3. Copy this URL to use with the automation script

Example Workflow

1. Start your Kaggle notebook with the GrokVIT models
2. Copy the new ngrok URL generated
3. Run one of the automation scripts with the new URL
4. The script will automatically update all necessary files
5. You can now test your application with the updated URL

Troubleshooting

If the script cannot find the current URL:

- Make sure you're running the script from the correct directory
- You may be prompted to enter the current URL manually
- Check that your files actually contain a ngrok URL

If you encounter file permission issues:

- Make sure the script is executable

- Try running with sudo (if on Linux/macOS)