

# GitHub - spyboy-productions/Facad1ng: Open-source URL masking & analysis tool for security research, phishing awareness, and defensive testing. Demonstrates adversary techniques used to disguise malicious links.

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Facad1ng is an open-source URL masking and analysis tool designed for **security research, phishing awareness, and defensive testing**.

It demonstrates how adversaries may disguise malicious links using URL manipulation and social engineering techniques, helping defenders understand and mitigate such attacks.

## MITRE ATT&CK Mapping

MITRE ATT&CK T1665 Referenced by Tidal Cyber

Mapped to **MITRE ATT&CK® T1665 – Hide Infrastructure (Command and Control)**.

This project is publicly referenced by **Tidal Cyber (Community Edition)** as part of adversary behavior research.

<https://app.tidalcyber.com/references/bd80f3d7-e653-5f8f-ba8a-00b8780ae935>

Important

### Educational & Defensive Use Only

Facad1ng is a proof-of-concept project intended for **security research, phishing awareness training, and authorized penetration testing**. It demonstrates techniques used by real-world attackers so defenders can better

recognize, detect, and prevent them.

Unauthorized or malicious use is strictly discouraged.

## Run Online Free On Google Colab



### Example:

```
Your phishing link: https://example.com/whatever  
  
Give any custom URL: gmail.com  
  
Phishing keyword: anything-u-want  
  
Output: https://gamil.com-anything-u-want@tinyurl.com/yourlink  
  
# Get 4 masked URLs like this from different URL-shortener
```

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### 📦 Key Features:

- **URL Masking:** Facad1ng allows users to mask URLs with a custom domain and optional phishing keywords, making it difficult to identify the actual link.
- **Multiple URL Shorteners:** The tool supports multiple URL shorteners, providing flexibility in choosing the one that best suits your needs. Currently, it supports popular services like TinyURL, osdb, dagd, and clckru.
- **Input Validation:** Facad1ng includes robust input validation to ensure that URLs, custom domains, and phishing keywords meet the required criteria, preventing errors and enhancing security.
- **User-Friendly Interface:** Its simple and intuitive interface makes it accessible to both novice and experienced users, eliminating the need for complex command-line inputs.
- **Open Source:** Being an open-source project, Facad1ng is transparent and community-driven. Users can contribute to its development and suggest improvements.

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### Requirements:



### 📦 Git Installation

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```
git clone https://github.com/spyboy-productions/Facad1ng.git
```

```
cd Facad1ng
```

```
pip3 install -r requirements.txt
```

```
python3 facad1ng.py
```

📦 **PYPI Installation** : <https://pypi.org/project/Facad1ng/>

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```
pip install Facad1ng
```

### How To Run On CLI:

```
Facad1ng <your-phishing-link> <any-custom-domain> <any-phishing-keyword>
```

```
Example: Facad1ng https://ngrok.com gmail.com accout-login
```

### Python code:

```
import subprocess

# Define the command to run your Facad1ng script with arguments
command = ["python3", "-m", "Facad1ng.main", "https://ngrok.com", "facebook.com", "login"]

# Run the command
process = subprocess.Popen(command, stdout=subprocess.PIPE, stderr=subprocess.PIPE)

# Wait for the process to complete and get the output
stdout, stderr = process.communicate()

# Print the output and error (if any)
print("Output:")
print(stdout.decode())
print("Error:")
print(stderr.decode())

# Check the return code to see if the process was successful
if process.returncode == 0:
```

```
print("Facad1ng completed successfully.")  
else:  
    print("Facad1ng encountered an error.")
```

---

## Contribution:

Contributions and feature requests are welcome! If you encounter any issues or have ideas for improvement, feel free to open an issue or submit a pull request.

### **ToDo:**

- Fix trycloudflare error which is blocked by TinyURL

TinyURL not shorting trycloudflare Solution: don't use pyshortner. shorten links manually one by one if TinyURL blocks try using different shortener

 **If having an issue** [Chat here](#)

 873 ONLINE

## **Snapshots:**

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```
Facad1ng — -zsh — 104x52

FACAD1NG
The Ultimate URL Masking Tool

Version      : 1.0.0
Creator      : Spyboy
Twitter      : https://spyboy.in/twitter
Discord      : https://spyboy.in/Discord
Website      : https://spyboy.in/
Blog         : https://spyboy.blog/
Github       : https://github.com/spyboy-productions/Facad1ng

Enter the original link (ex: https://www.ngrok.com): https://spyboy.in
Enter your custom domain (ex: gmail.com): facebook.com
Enter phishing keywords (ex: free-stuff, login): account login
Original URL: https://spyboy.in

[~] Masked URL (using multiple shorteners):
Shortener 1: https://facebook.com-account-login@tinyurl.com/26brl8ju
Shortener 2: http://facebook.com-account-login@osdb.link/fdu72
Shortener 3: https://facebook.com-account-login@da.gd/0cpWC
Shortener 4: https://facebook.com-account-login@clck.ru/35cpwK
shubhamkumar@Shubhams-MacBook-Pro Facad1ng %
```

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Source: <https://github.com/spyboy-productions/Facad1ng>