

Curl

Here's a bash script that combines several curl examples:

```
#!/bin/bash

# Basic GET request
echo "Basic GET request:"
curl http://example.com

# GET with custom headers
echo "\nGET request with custom headers:"
curl -H "User-Agent: MyUserAgent/1.0" http://example.com

# POST request
echo "\nPOST request:"
curl -X POST -d "key1=value1&key2=value2" http://example.com/post

# POST with JSON data
echo "\nPOST with JSON data:"
curl -X POST -H "Content-Type: application/json" -d '{"key1": "value1", "key2": "value2"}' http://example.com/post

# Using a proxy
echo "\nUsing a proxy:"
curl -x http://proxy.example.com:8080 http://example.com

# Authentication
echo "\nBasic Authentication:"
curl -u username:password http://example.com/auth

# Download a file
echo "\nDownload a file:"
curl -O http://example.com/file.zip

# Follow redirects
echo "\nFollow redirects:"
curl -L http://example.com/redirect

# Save output to a file
echo "\nSave output to a file:"
```

```
curl http://example.com -o output.txt
```

```
# Custom HTTP method
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```
echo "\nCustom HTTP method (DELETE):"
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```
curl -X DELETE http://example.com/delete/resource
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```
# Verbose output
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```
echo "\nVerbose output:"
```

```
curl -v http://example.com
```

```
# Connection timeout
```

```
echo "\nConnection timeout:"
```

```
curl --connect-timeout 5 http://example.com
```

```
echo "\nScript execution completed."
```

Save this script with a .sh extension, like curl_examples.sh. Make sure to make it executable if you're in a Unix-like environment or running it in Windows Subsystem for Linux (WSL):

```
chmod +x curl_examples.sh
```

Then, you can run it:

```
./curl_examples.sh
```

Notes for Windows: - If you're running this in Windows Cmd or PowerShell, you'll need to use bash or wsl if you have WSL installed, or ensure curl is in your PATH for direct execution: - bash curl_examples.sh or wsl ./curl_examples.sh - Remember, this script uses bash syntax, so it's not natively compatible with Windows Command Prompt or PowerShell unless run through WSL or a bash environment. However, the curl commands themselves are compatible with the Windows version of curl.