

How To Link Credentials Via GitHub

Linking your account addresses to your on-chain DID and [web3name](#) is a personal and recognizable way to represent yourself across the Polkadot and (coming soon) Ethereum ecosystems. Any number of your account addresses may be linked.

Creating [SocialKYC](#) credentials, linking them and making them public adds an additional layer of information. This gives more information about who you are – particularly useful for validators or collators, increasing trust.

Credentials may be added via any service endpoint. Follow the instructions below to add credentials publicly to your on-chain DID and web3name via GitHub.

Getting Started

In order to link your credentials to your identity and web3name, you need a Sporrán wallet, credentials, and a KILT on-chain DID.

If you don't already have them, follow our guides below for instructions on setting them up:

[Guide to setting up your Sporrán \(PDF\)](#)

[Guide to generating your SocialKYC credentials \(PDF\)](#)

[Guide to upgrading to an on-chain DID](#) This requires a deposit of around 2 KILT and a small transaction fee (currently around 0.0045 KILT)

[Guide to creating your web3name](#) This requires a deposit of around 0.1 KILT and a small transaction fee (currently around 0.0045 KILT)

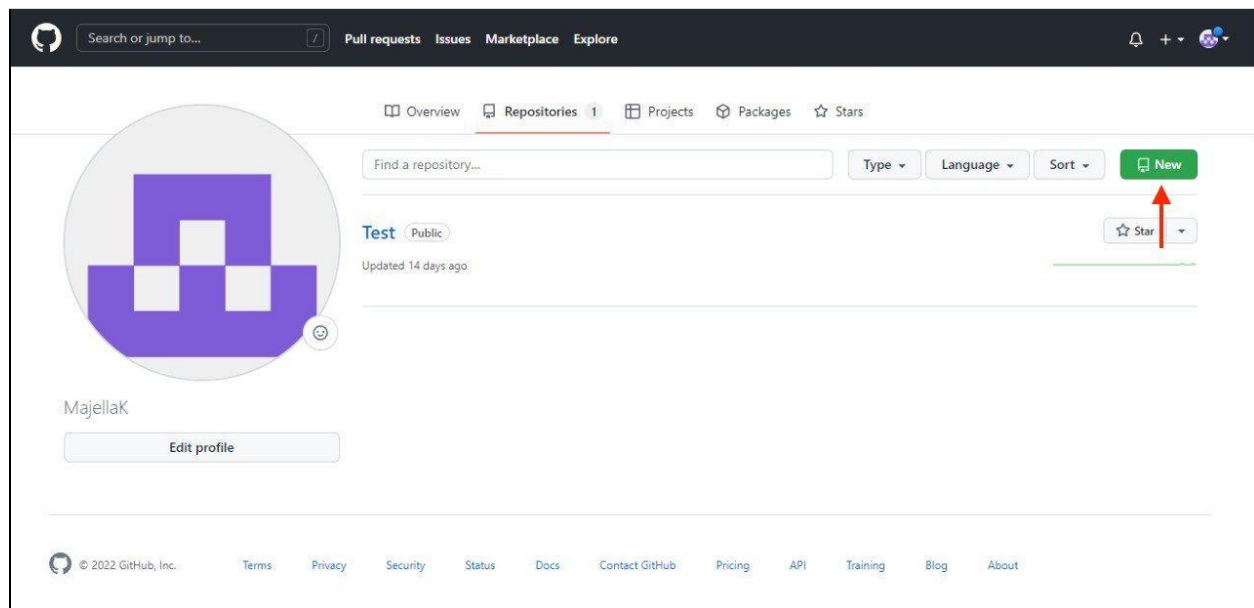
Once you have these, you're ready to go. Just follow the steps below.

Linking your credentials via GitHub public

Go to your GitHub account. If you don't already have one, set one up [here](#).

Create a public repository for your credentials:

Click “New” (or “Create Repository”, if you don’t already have a repository)

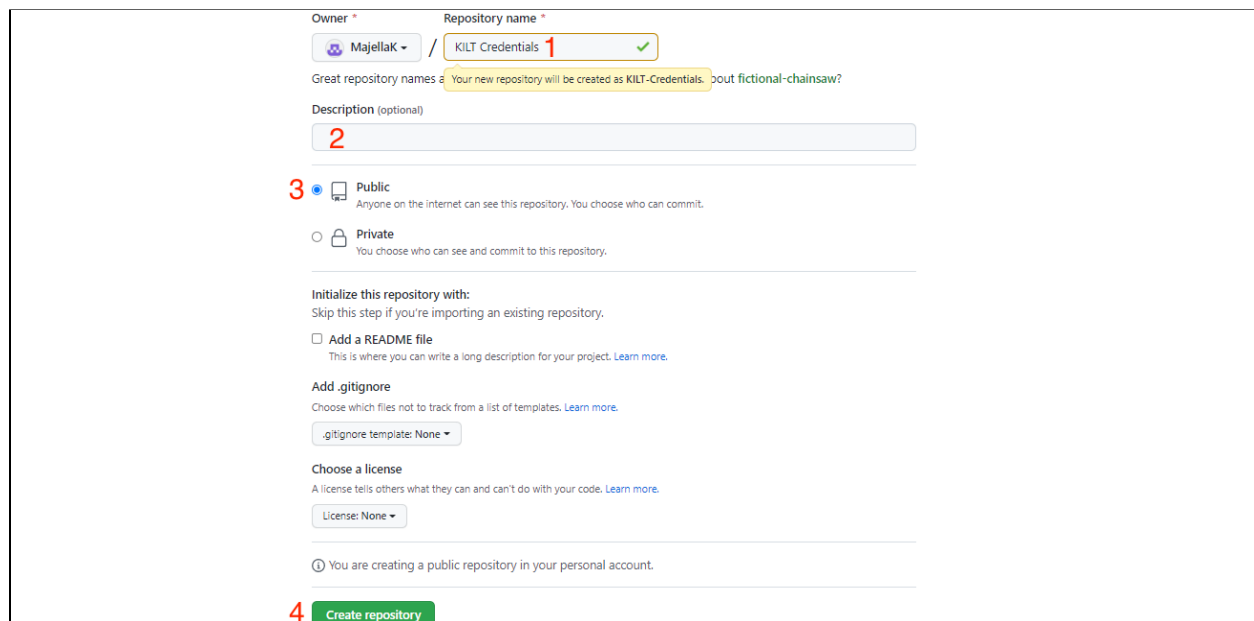


Enter a name (1) for your repository

Add a description (optional, 2)

Click next to “Public” (3)

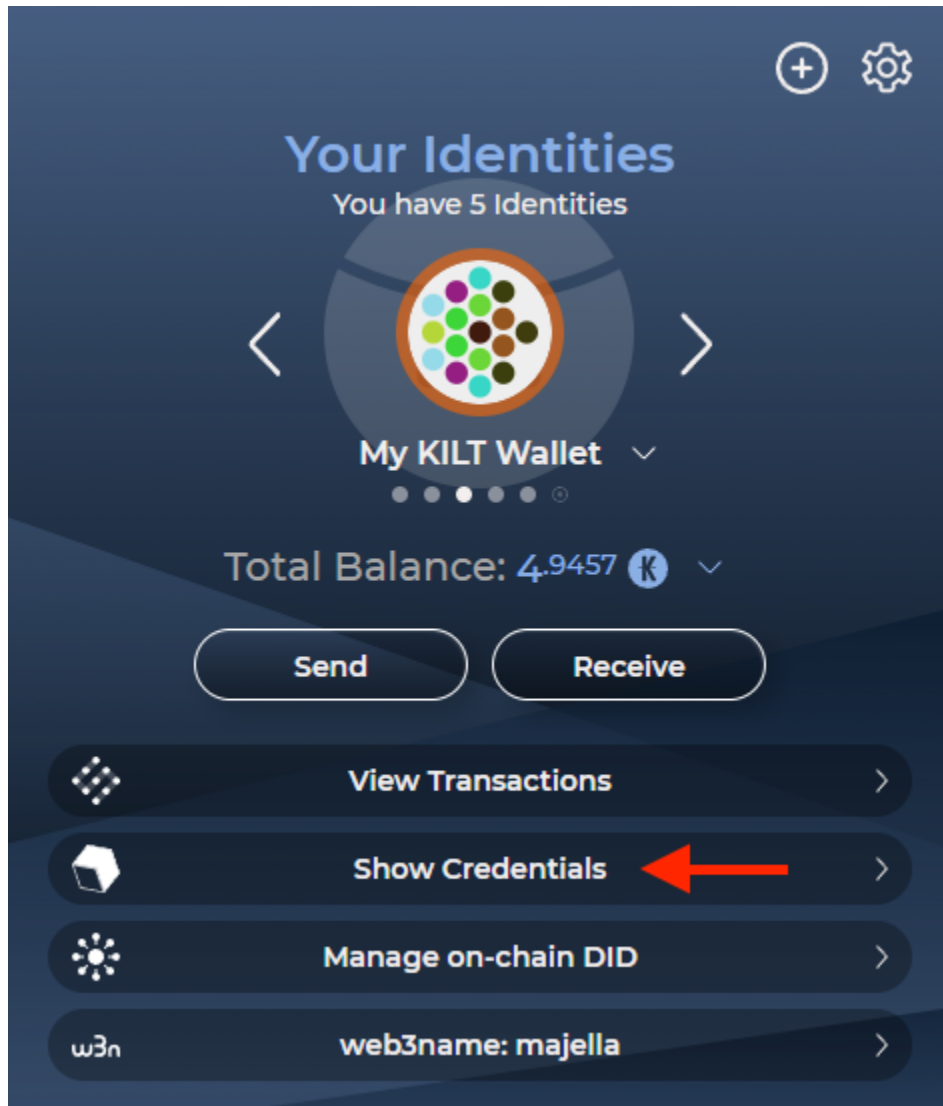
Click “Create repository” at the bottom of the page (4)



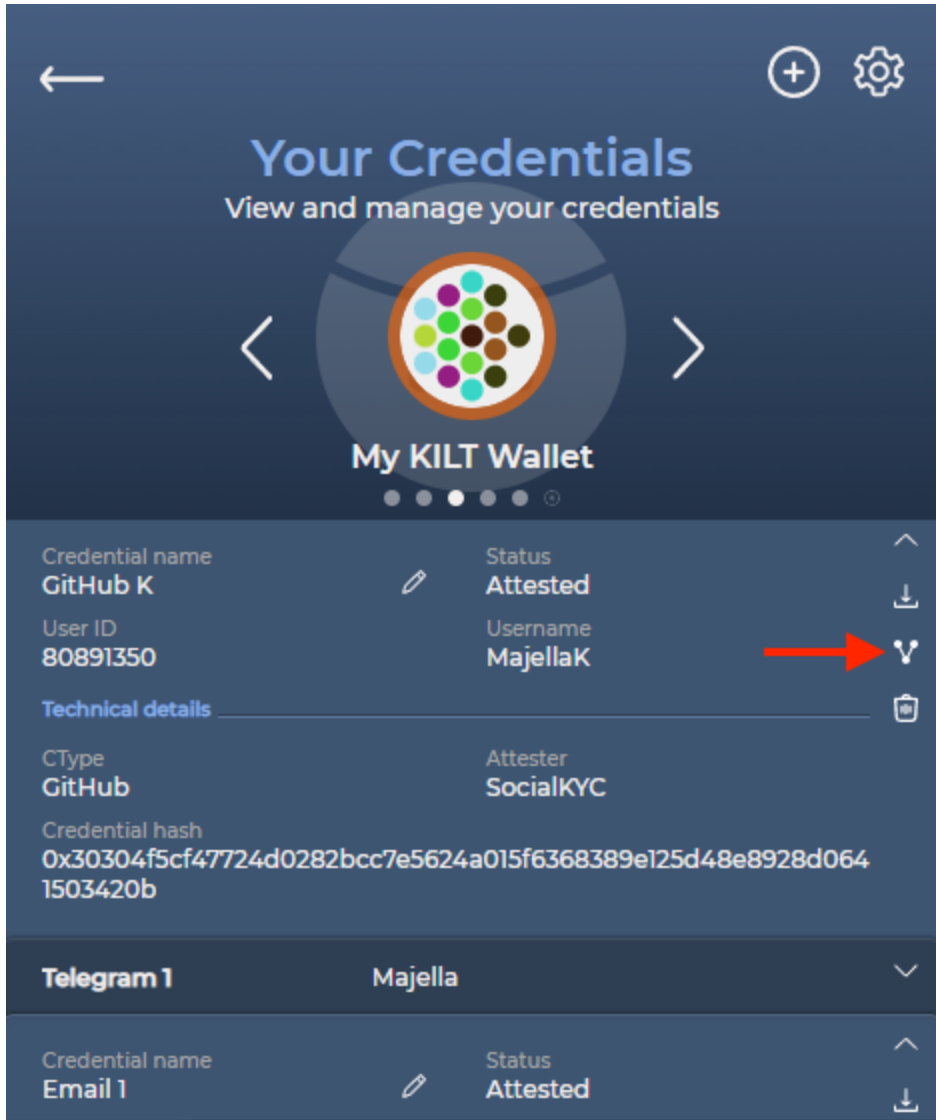
Go to your Sporran

Click “Show Credentials”

(If you don't have credentials, you can create them via [SocialKYC.io](https://socialkyc.io))



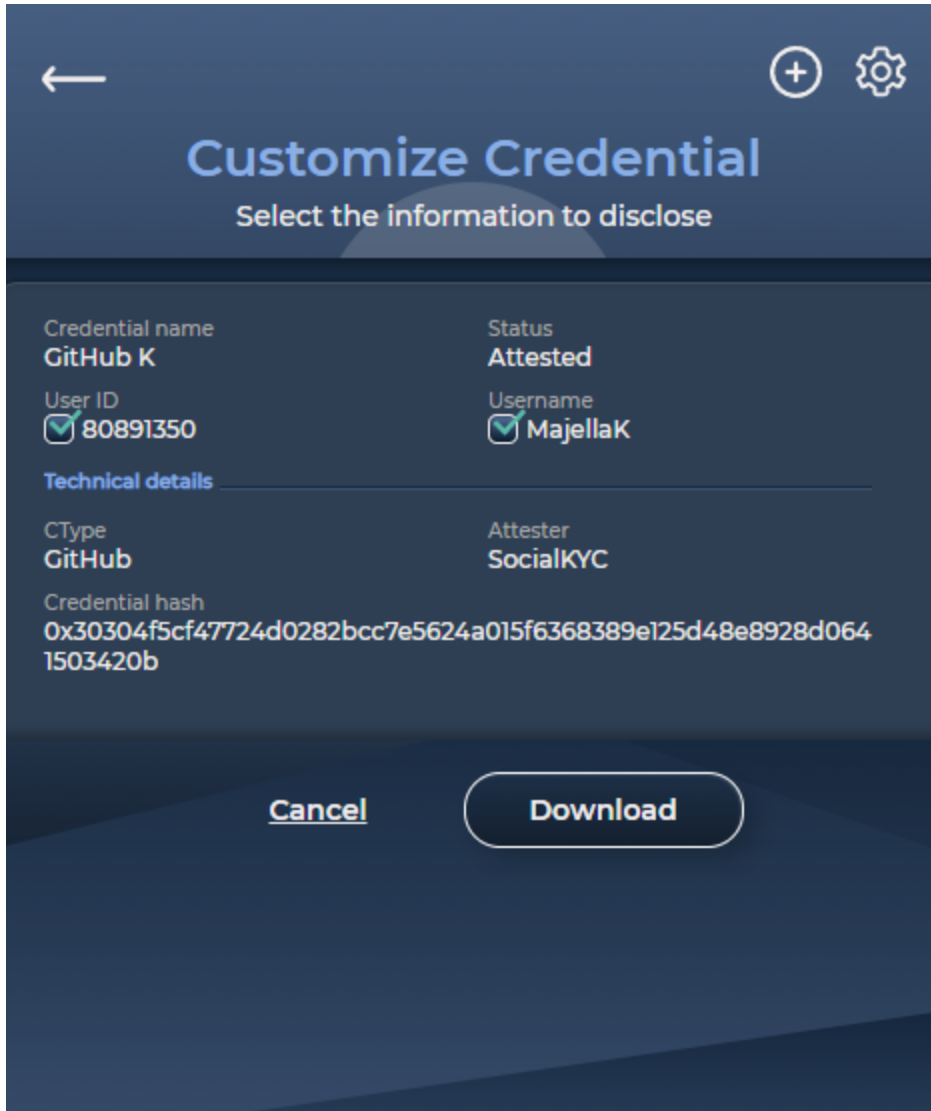
Click the share icon next to the credential



This opens up a popup “Create a version of your credential to save and share”

Click “Continue”.

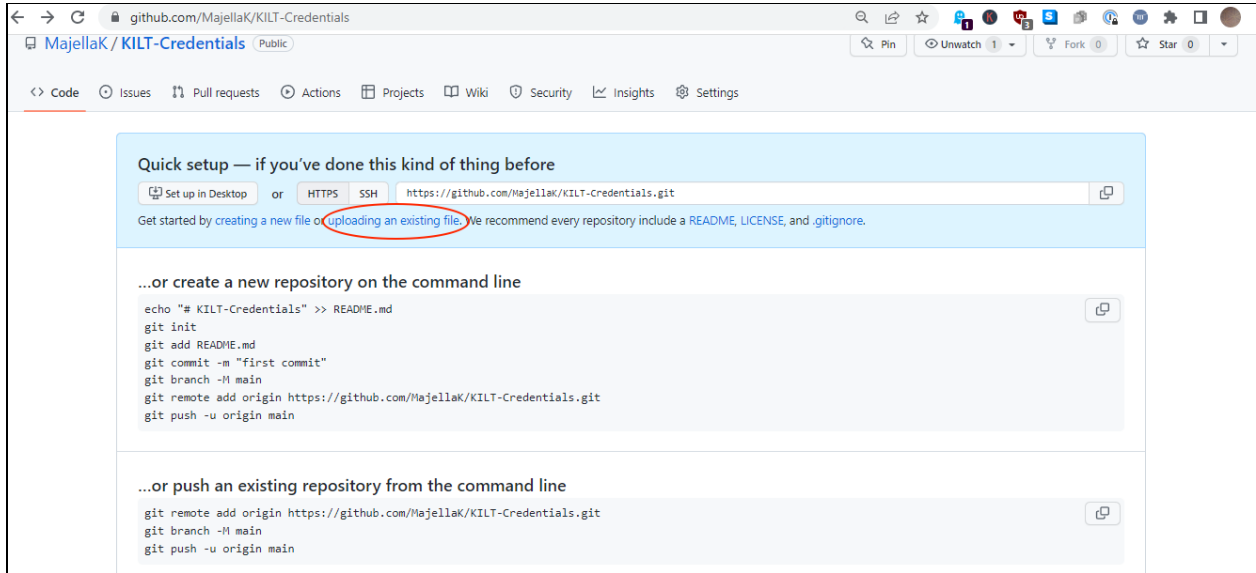
On the credential you can choose which parts of your credential you wish to share. For example, GitHub has the user ID and name, Telegram has the user ID, first name and user name. Untick any information you don't wish to have included.



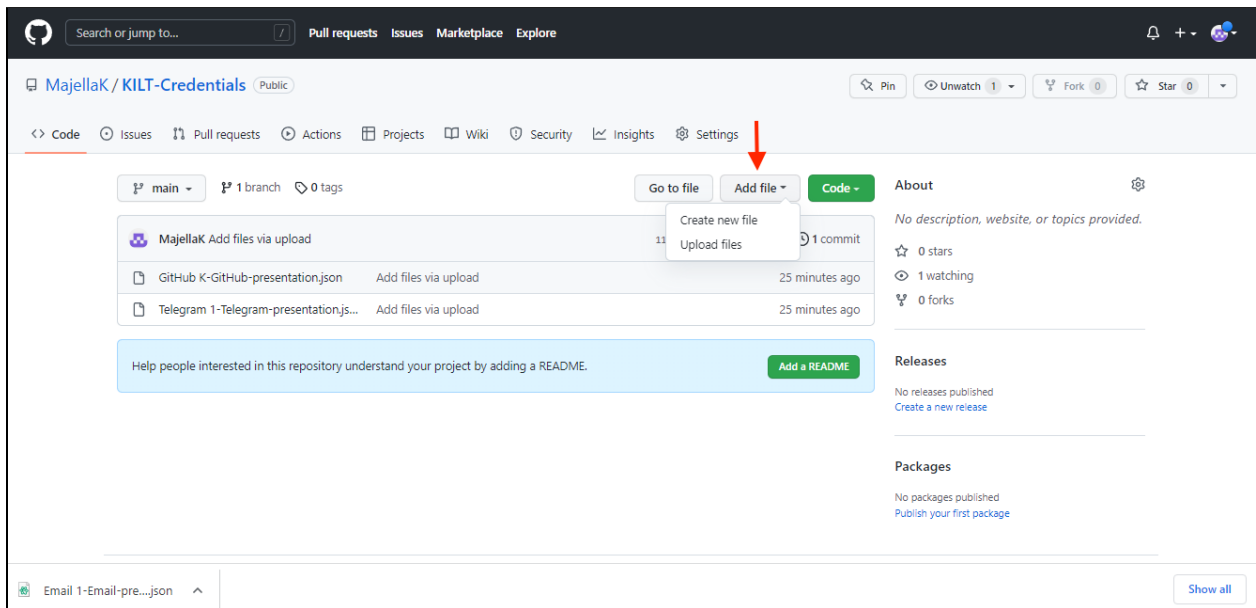
Click "Download". Note, the downloaded version of the file will have "presentation" in the name

Go back to your GitHub account

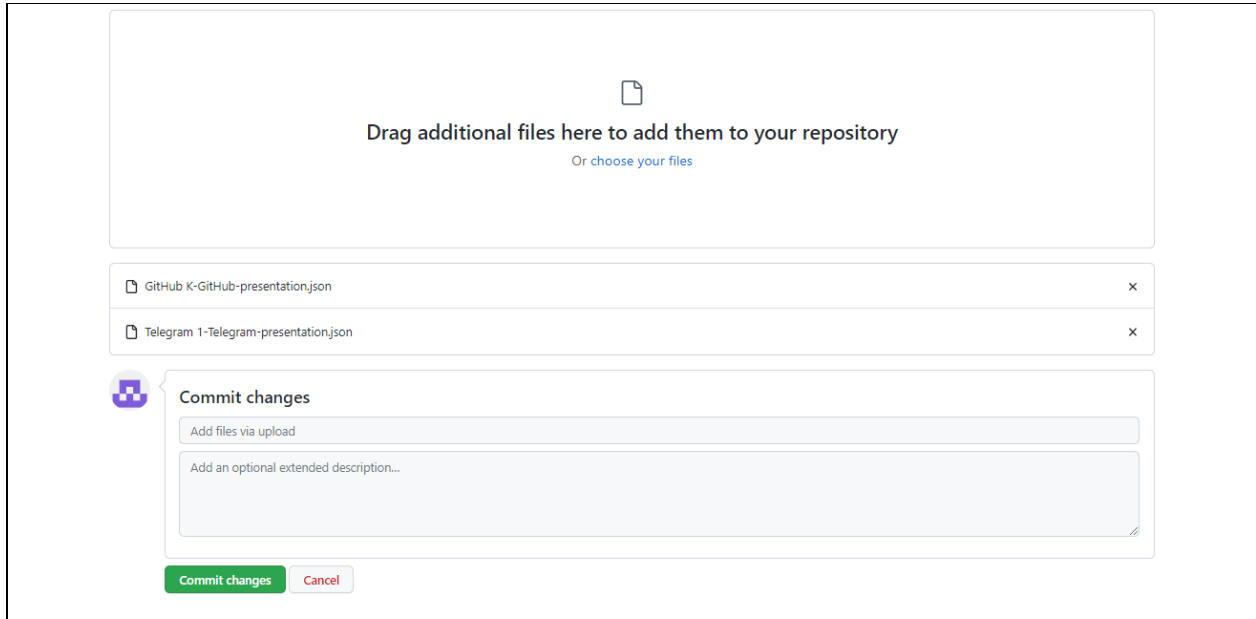
If this is a new repository, click "uploading an existing file"



If you already have files in the repository, click “Add file”, then “Upload files”



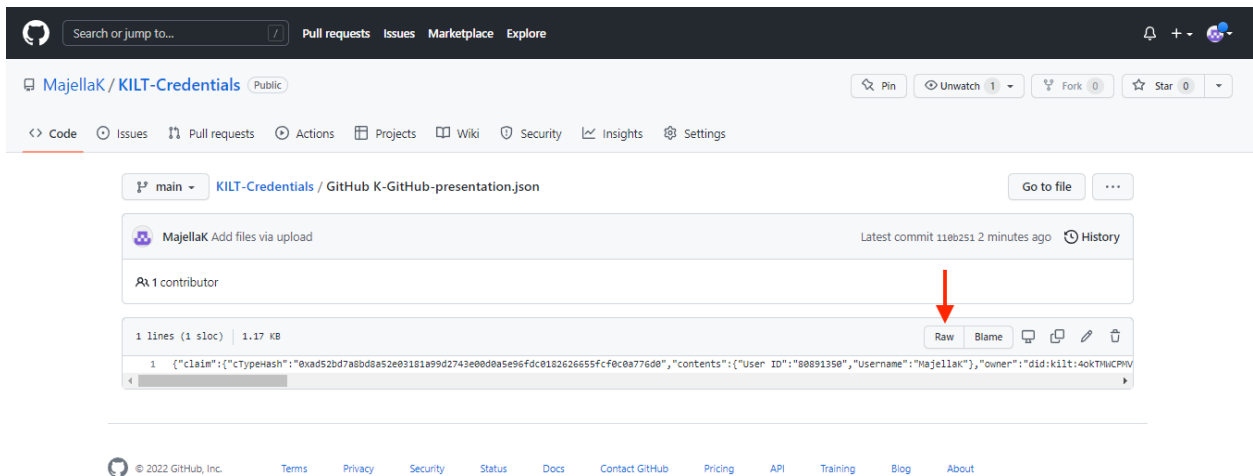
Add the credential you downloaded (Drag and drop or choose from your files)



Click “Commit changes”

When uploaded, click on the file

Click “Raw”



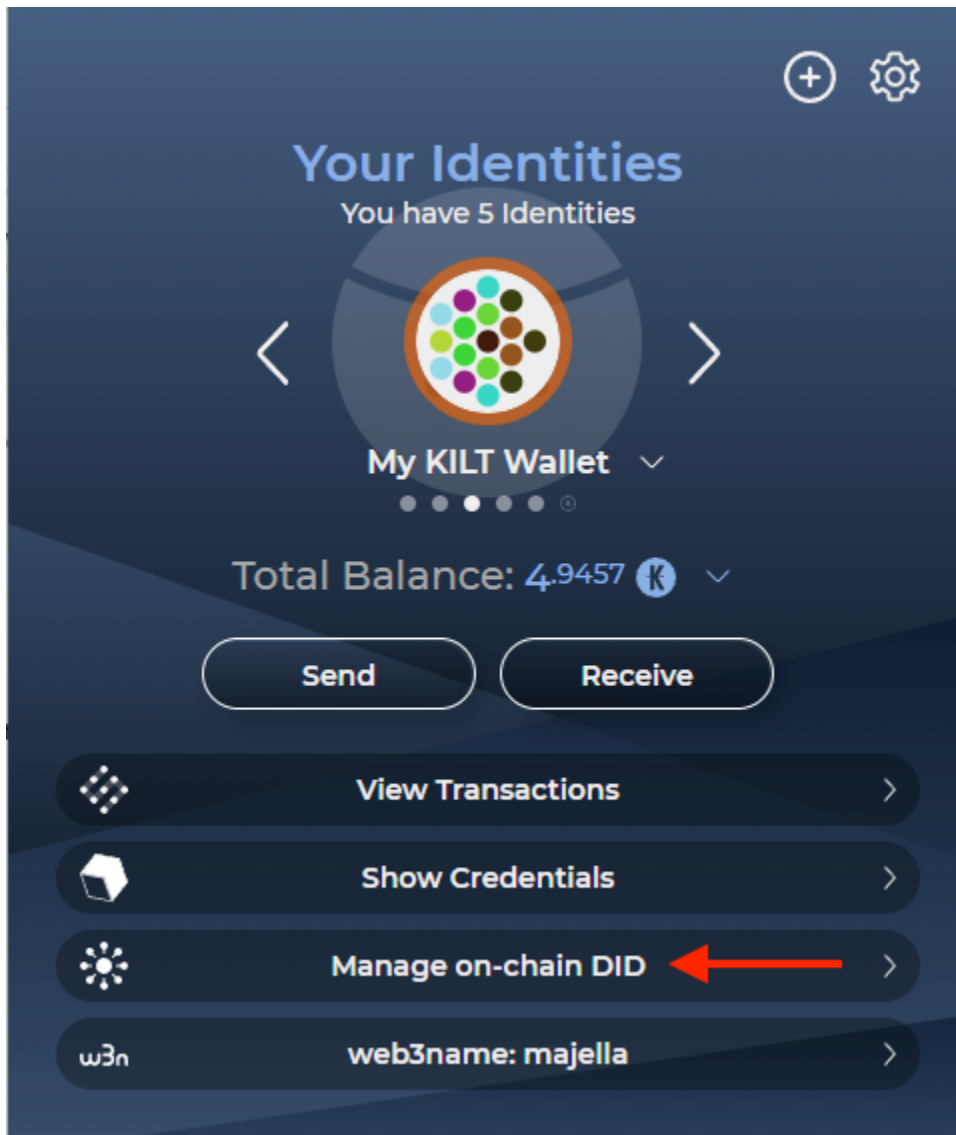
Copy the URL of the raw file.

Note, the URL will have “raw” and “presentation” included - if not, it may be the wrong URL.

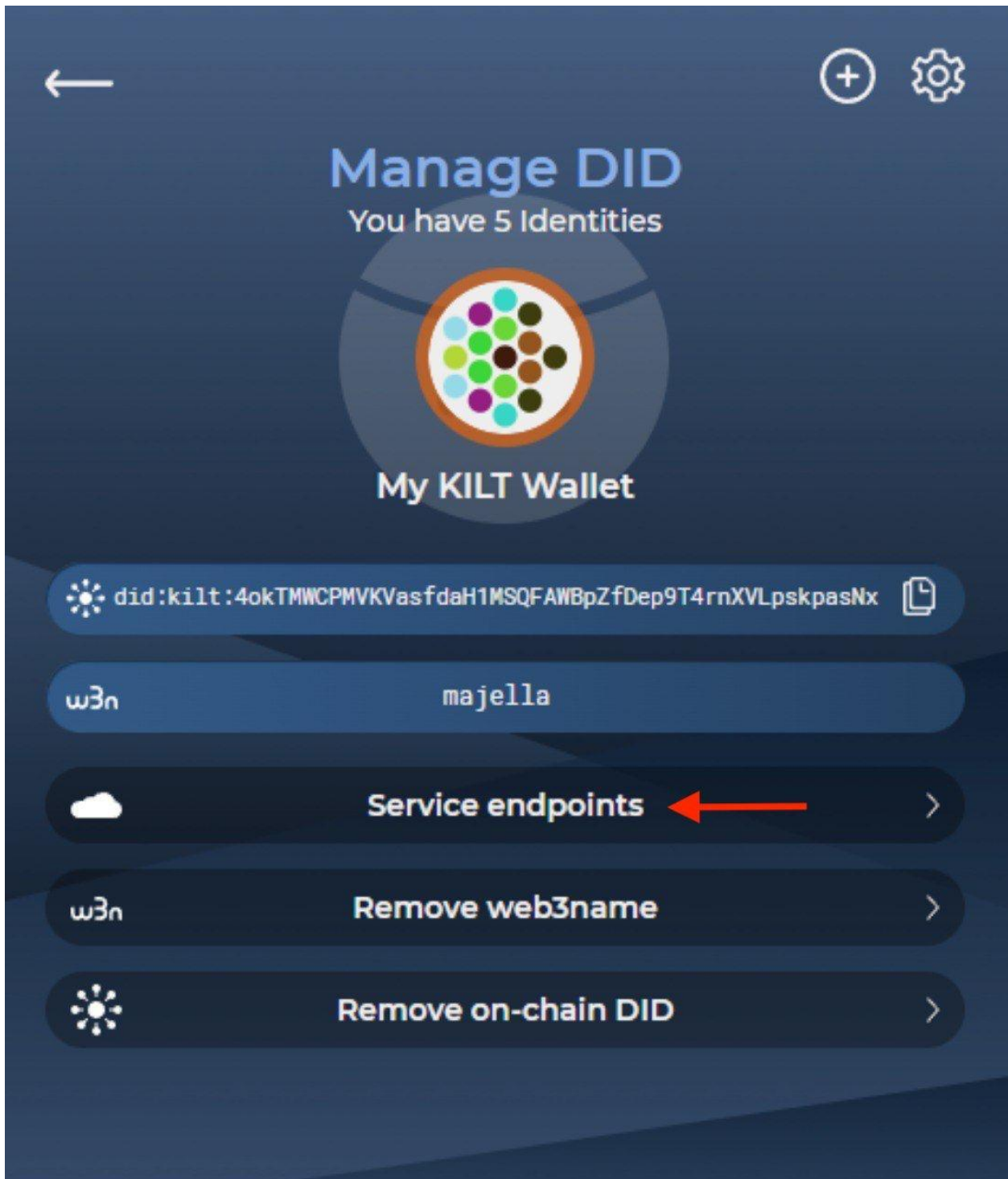
```
raw.githubusercontent.com/MajellaK/KILT-Credentials/main/GitHub%20K-GitHub-presentation.json
{"claim":{"cTypeHash":"0xad52bd7a8bd8a52e03181a99d2743e00da5e96fdc0182626655fcf0c0a776d0","contents":{"UserID":"80891350","Username":"MajellaK","owner":{"did:kilt:4okT/McPMVKVasfdaH1MSQFAWBPZfDep9T4rnXVLPskpasNx"},"claimHashes":["0x5da389da48e754364e75c708df292eabe77dec7f3085bf4aac6d95a58bd7e498","0x848020e375bf7217c2f81476cf81eb8a5c3da9d44b8a97324a6a7916088e8ee","0x95583a1a5c84b57cb83f821267a2a7333432da05d7f7c20903cf613efb2be79"],"claimNonceMap":{"0x06a9c2755cecb7355498cace1ff093d20b282a3e31b50791defd677ed40edbae":"b90de7c6-f214-498e-bc4d-46736402f69","0x44a6cbf8860ae5286a239c1103d94ae149c93025edd6c92fa93aadf916b00":"2b19a659-6379-472a-8761-640efd1dc30","0x400288382028bf12fd68f6f04a80c21a73fbd421a77ee022f2ef4cc7d53b2f3":"152933a1-81f5-4add-adf5-2f446bb6669b"},"legitimations":[]},"delegationId":null,"rootHash":"0x30304f5cf47724d0282bcc7e5624a015f6368389e125d48e8928d0641503420b"},"claimerSignature":{"keyId":{"did:kilt:4okT/McPMVKVasfdaH1MSQFAWBPZfDep9T4rnXVLPskpasNx#0xe5f7d9c2fcd2a0efe3cd7f2a7fa6f8dae194ae2f394fd94632f2be4279fe2b1"},"signature":"0xe2535ca223d0f031807b3ed1ed0e2e90ce4243d9127371eb4219924609071ba71bc9233c951ad8c49c8406ee8305681763671ae68794462179f72d35c59fcae82"}}
```

Go back to Sporrán

Click “Manage on-chain DID”



Click “Service Endpoints”



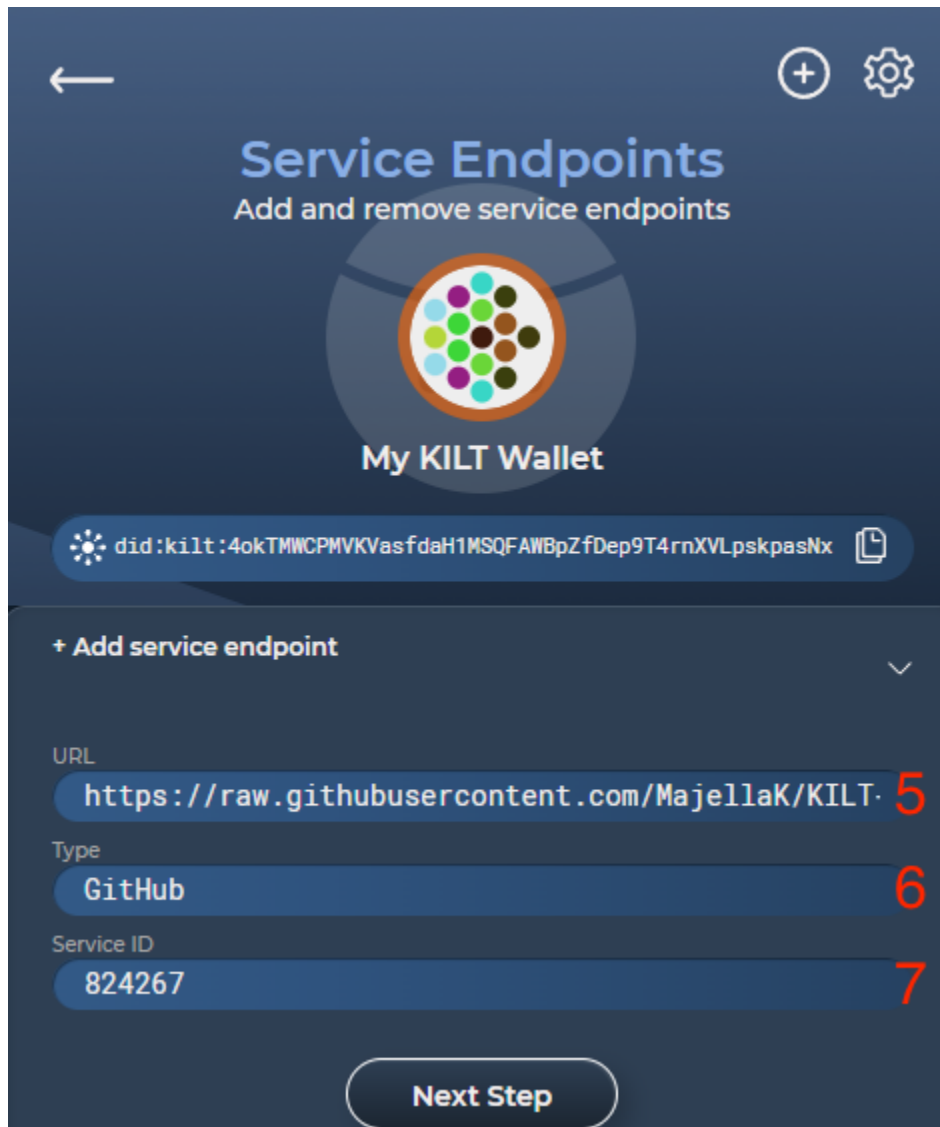
Click “+ Add service endpoint”

Add the URL you copied. (5)

Type: Add type of credential (Email, Telegram, etc.) (6)

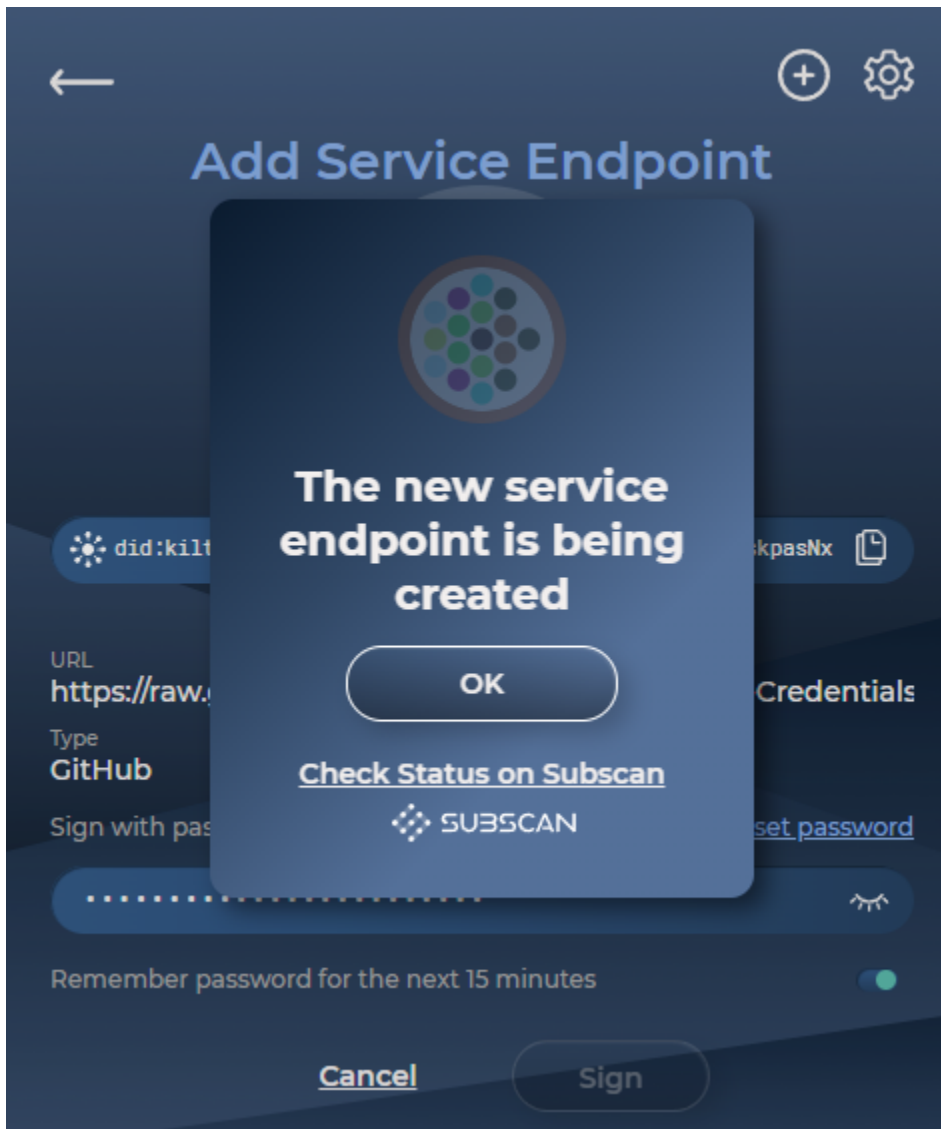
(Service ID Number is automatically allocated) (7)

Click “Next Step”



Sign with your password in Sporan

A new service endpoint will then be created for this URL

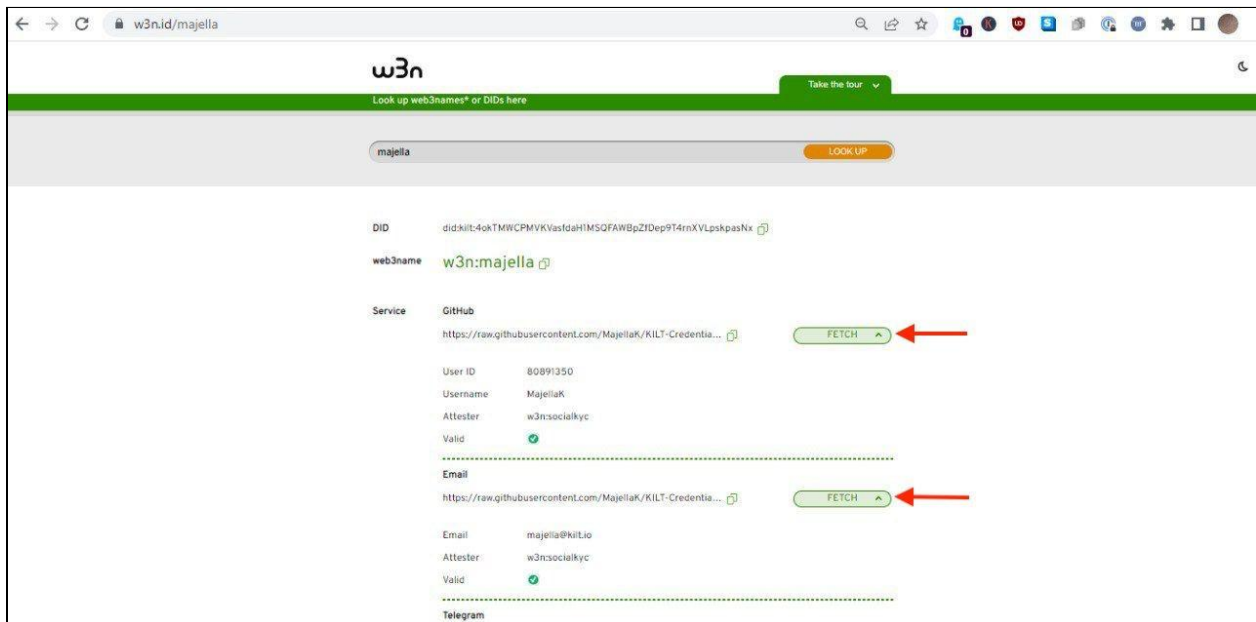


That's it!

You can create a new service endpoint in Sporrán for another credential by clicking “+ Add service endpoint” again and repeating the procedure.

Once your credentials are added to your DID, users may verify them by entering your DID or your web3name in the w3n.id website.

This will show any credentials attached. Users of the website may read the content of the public credentials by clicking “Fetch”.





Imprint

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Requirements according to § 5 TMG (Germany)

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