

The DRM Audio DAT



So, you want to offer your song up for sale using an NFT or Digital Access Token (DAT). That can be done using the software associated with this project. And, as it turns out, there is no coding experience needed for the information that needs to change is in text files.

Here's the basic idea.

You've authored a collection of songs and you want to make them instantly downloadable from your website in exchange for some crypto. You want the process to be automatic and driven by the consumer.

More importantly, you want to offer a commission to people that actually sell the music. Doesn't matter if it's a fan club member, social media influencer or classic music production company, if they sell your song, they can be rewarded for that sale at the time of minting.

[Enter this sample project.](#)

Look over how this particular project interfaces with the Selene Network. It is a simple custom project that includes the Selene Network software that provides the above experience.

Using this project, anyone in the world can buy the associated DAT and the project code will perform the work needed by the customer to take delivery of their content.

User Scenario

The user has Metamask installed and hears a song that is playing in the background while watching their favorite YouTube channel. Because the influencer is playing the music publicly, they provide their sales link to the content in the description of the video.

The user clicks on the link which takes the listener to the social media influencer's site where the Selene Network is installed and the listener lands on the social media page where they can review the product. Because the listener has Metamask installed, the page he lands on offers a mint button.

The DAT is cheap, (it's music), thus he mints the collection. A few seconds later, the blockchain has recorded the transaction and the Selene Network shows him his token.

Because all tokens are clickable in the Selene Network, the token owner clicks the token and the webpage is redirected to the artists home server location. Because the visitor holds a token, the music collection is shown with enabled download buttons.

To claim the song, the token holder clicks the download button and is prompted to sign some data that will be used by the artist's server to decode and validate that the calling account actually holds the correct token and when confirmed, the song is downloaded through the visitor's browser.

The Project Code

The software that this project represents is available for download – for free. It is both the smart contract and the files that need to be hosted on the artist's server. Because this project is a custom, it has a dependency which is the Selene Network install itself. Downloading and installing the Selene Network is simple and fully documented. It should be installed before modifying this project to represent you.

This sample product can be found on <https://amorstyle.com/download/drmaudiov1.zip>

Documentation can be found in the 'docs' folder. There are two general files that cover how to host a project and how to deploy a smart contract.

The 'project' folder holds the Theta blockchain Selene Network compatible smart contract.

The 'images' directory holds the project and token image.

There are three files that make up the root of the project. Drmaudiov1.php is the landing page which includes the Selene Network. Drmaudiov1.js handles the user action of clicking on the download button to receive the token-gated content. And drmaudiov1auth.php is the file that decodes the signature to grant the download.

In the root, you'll find the project JSON file, and in the metadata folder, you'll find the metadata that will be displayed for each token holder.

Each file is small and there are only a few things that need to be updated in each file in order to make the project look like your own.

The best news is that the sample contains the documentation that not only outlines what exactly needs to change but why.

Minting

To get the full experience of the demo, you'll need to hold a token from this collection. Fortunately, all this work is priced at a 'buy me a coffee' price of about 500 pennies.

Because this is a Selene Network compatible smart contract and I want people to help me get the word out, agents selling this DAT will be credited 125 pennies at mint and websites that allow access to this smart contract for minting will be credited 50 pennies during mint.

More Info

This project was built to not only show how to token-gate content, but to show off the standard form of a custom project.

If you visit https://amorstyle.com/nfts/sc_custv1/sc_custv1.php you'll see that I'm selling my services to help you put together projects just like this.

Disclaimer

As with any software project, there could be bugs or there may eventually be bugs because there are dependencies on other software products that could change. For instance, Metamask or the blockchain itself could change that breaks the experience. Fortunately, the Selene Network and this project are provided so you can fix bugs that are within your control. And, the software is provided as is, thus fix bugs if you find them and don't let anyone block you.