

# Detailed Abstract about Minstordinals

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## 1 Introduction

The aim of this project is to link **Mintbase** NFT with **Bitcoin Ordinals** inscriptions. To be able to do it we are purposing a new json ordinals standard 3.2. This standard should allow us to easily index this new protocol from Bitcoin with Near **BOS** in a near future and creating a real **native bridge** between Near on-chain NFT and Bitcoin ordinals inscriptions. This standard is not a definitive version and should be considered as a first draft for further

development.

To make this bridge we have to follow several steps and well understand what are the limit of what we suggest. It isn't a perfect solution and new ideas are still required to fully solved this **interoperability** problem. But we isolated specific problems in workflow schemas 2. We detailed our implementation and challenges we faced into 3. Finally, we discuss our business plan, roadmap and our vision about the future of this project<sup>4</sup>. We want to purpose a viable project

This detailed abstract is only *a summary* of the more complete documentation.

## 2 Workflows

This section covers the **overview of workflow** suggested for our project.

### 2.1 Global workflow

The global workflow begins by the mintbase workflow to initiate the mint and begins when the Mintbase NFT is minted. It manages with NFT mintbase data and JSON format to inscribe on Bitcoin. It handles Bitcoin tx in javascript and with making use of BOS workflow authenticate the ordinal inscription.

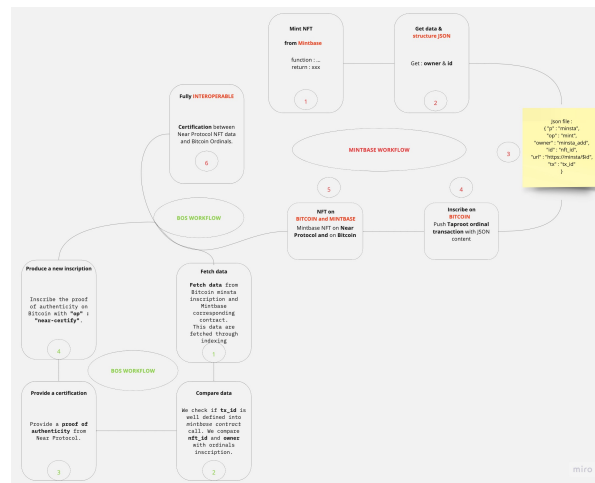


FIGURE 1 – Global workflow

We will delve into each workflow separately to understand what happens under the hood.

## 2.2 Mintbase workflow

The Mintbase workflow is the main purpose of our project for the hackathon. It contains nft deployed with `minsta` tool, pushing Bitcoin transaction with `bitcoin-lib` js package and management through UI.

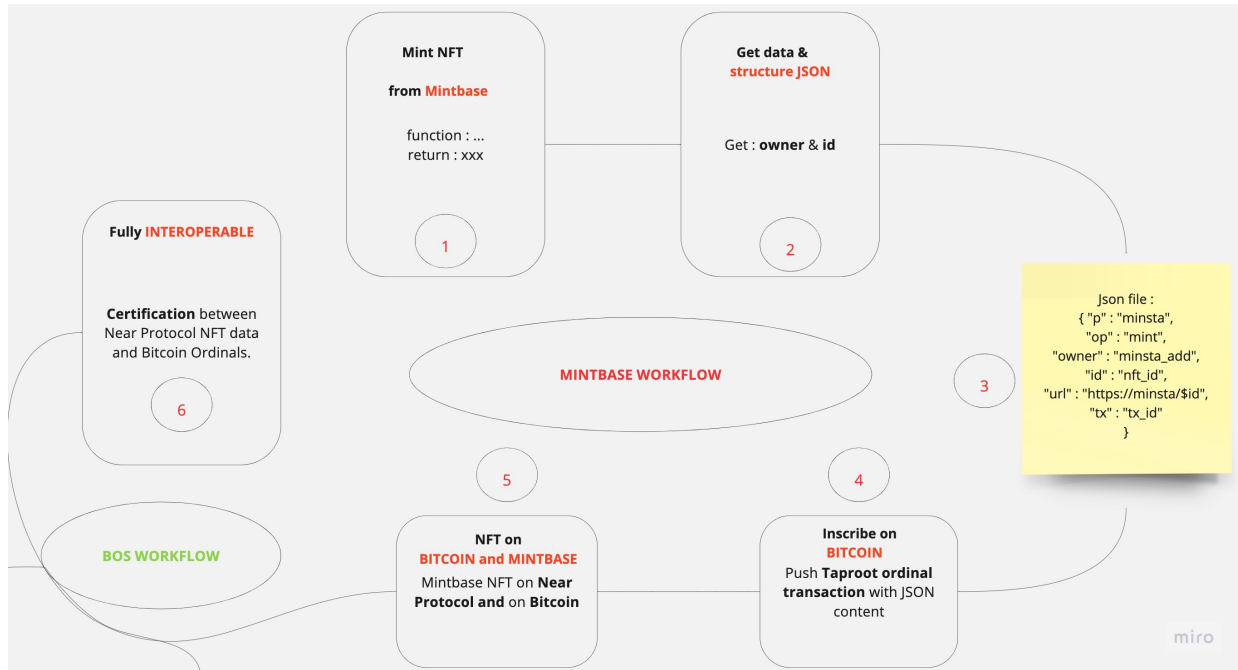


FIGURE 2 – Mintbase workflow

We begin by deploying a Mintbase NFT with the regular way : call `mint-nft` function. After, we are storing data into a temporary file, such that user will be able to click on **inscribe** button to turn its mintbase nft into ordinal inscription. After that we are using a pre-built react component to make the Bitcoin transaction with the right information. Finally we should handle this inscription into our UI which is still under development.

## 2.3 BOS workflow

The BOS workflow is more theoretical. We have this idea to certify data but we missed the fact that only a specific vericator should be able to mint **near-certify** operation. We are still about solving this issue, but we are discussing with Nearcon tech partner about this.

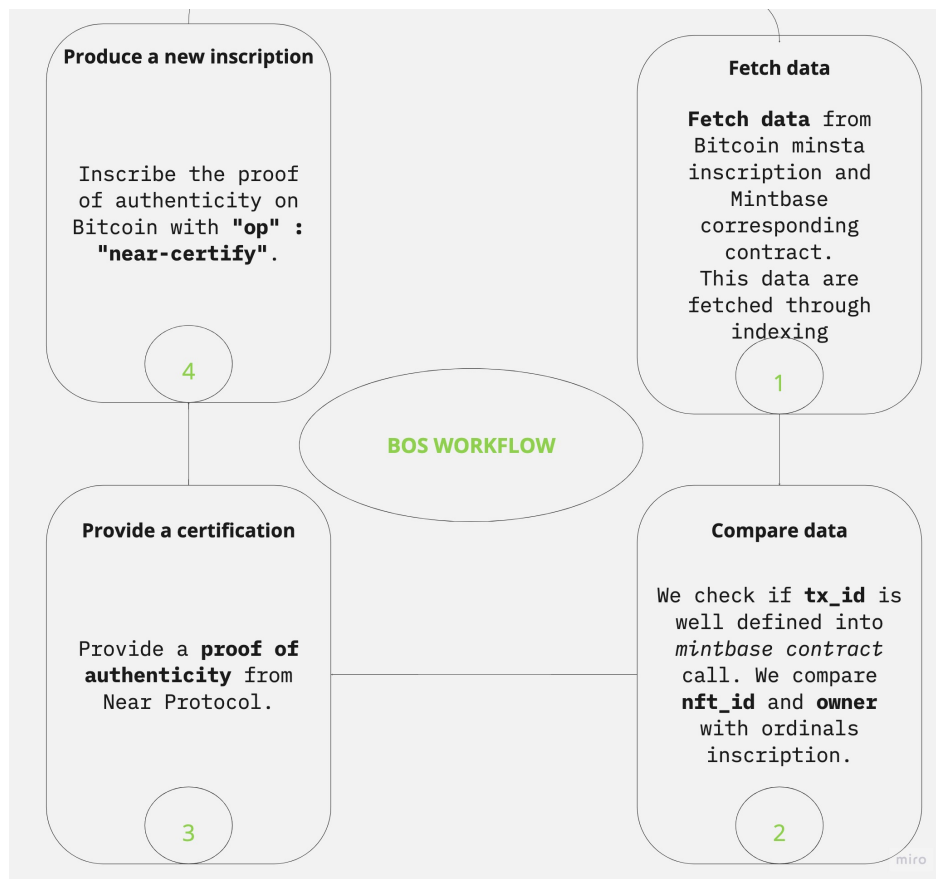


FIGURE 3 – BOS workflow

The first step for a near vericator should be to fetch data from both side.

## 3 Implementation

### 3.1 Programming

### 3.2 JSON Standard

With this standard we want to be able to `mint-nft` and to `near-certify` the authenticity of it.

For this part we will focus on `mint-nft` operation and detail our needs for `near-certify` (cf. 3.3 for more precisions).

### 3.3 Further implementation

The last implementation to do is with **BOS**. As said previously we want to inscribe a *certificate-like* json file such that in Near Protocol and on Bitcoin we can't have a wrong mint considered as valid.

## 4 Business model, roadmap and beyond

This part is dedicated to investors. It needs to be fulfil with business expert and potential accelerator as Near Starter to be as close as possible of investors requirements. It contains the basic information for an MVP and our actual vision about this project.

### 4.1 Business Model

Loose money to see on long term !

We want to bridge users and liquidity between Near Protocol and Ordinal ecosystem. To do so, we want to offer in first time the mint on Bitcoin to incentivise Bitcoin and Near user to use our tool.

We aim to develop a technical product and we want to offer new experiences to our users. Fees especially on Bitcoin could be a limitation and we don't want that happen. So we want to constitute a Bitcoin capital, possibly from the Ordinal community, and a Near capital to act ourselves as a bridge and be represented in both ecosystem.

### 4.2 Roadmap

### 4.3 Our vision for future

Many things are possible with this tool and we are only looking into some specifics to be focus on our success. But, image inscription on Bitcoin with the nft could be done easily if

the community requests this feature.

We want to build a community driven tool and be very active and listening from the community is the most important thing for us! We want to create new nft experiences and making use of last Near protocol tools. We have a very technical and pioneer vision under respect of community needs and requests.

Near is a blockchain that unlocking immersive user experience and Bitcoin is THE Blockchain to store value! We want to mix it and create a first bridge between this two distinct ecosystems where each of us can learn and earn from each other.

**THE FUTURE IS POSSIBLE! THE SOLUTION IS NEAR!**

## Références

[1]

[2]

[3]