

TRADETRUST
Tech Webinar Series
Webinar 5
12 Aug 2020

Infocomm Media Development Authority, Singapore





CONTENT

- Introduction to document creator
- Introduction to the configuration file
- Setting up the config file for transferable document
- Setting up the config file for verifiable document
- Issuing document
- Verify the newly created document

- Q & A





Documentation

- <https://docs.tradetrust.io/document-creator>



Demo of Document Creator





Brief overview of Document Creator

- What is Document Creator about?

It's to provide a UI to the staffs that are involved with the daily operations who do not need to know anything about blockchain.

- Why do we have this?

Mainly because we want to cater to small firms or companies that doesn't really have capabilities to build deep integration with their existing softwares or workflows.





OUTCOME

- Configuration file to set up for your non-tech staff.





PREREQUISITE

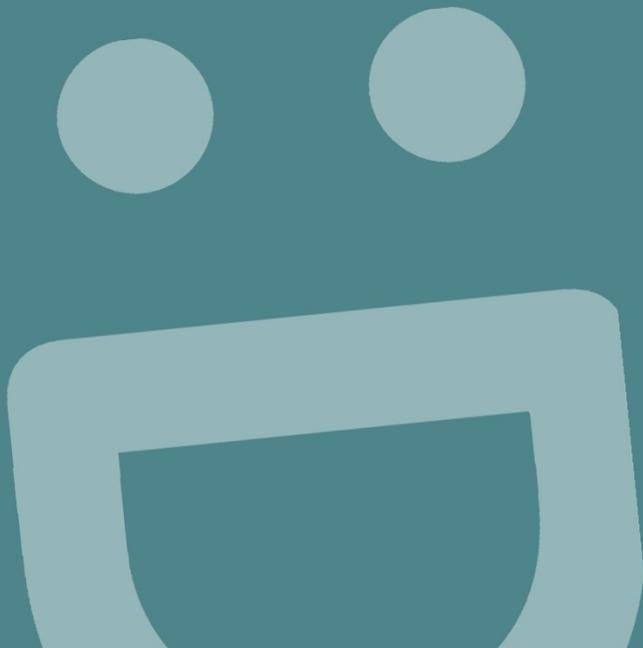
- Wallet
- Token registry (transferable document)
- Document store (verifiable document)
- Configured DNS
- Custom renderer

*Creation of document store please refer to webinar 2

*Creation of token registry please refer to webinar 3



Introduction to the configuration file





CONFIG FILE

- What is the config file?
- What information is in the config file?

```
1  {
2  "network": "ropsten",
3  "wallet": "{\"address\":\"1Dc271EaE22a83c9670571d1a206043E8a420fdE\", \"id\": \"\"}
4  "forms": [
5  > { ...
420 } ,
421 > { ...
533 }
534 ]
535 }
```

Tools:

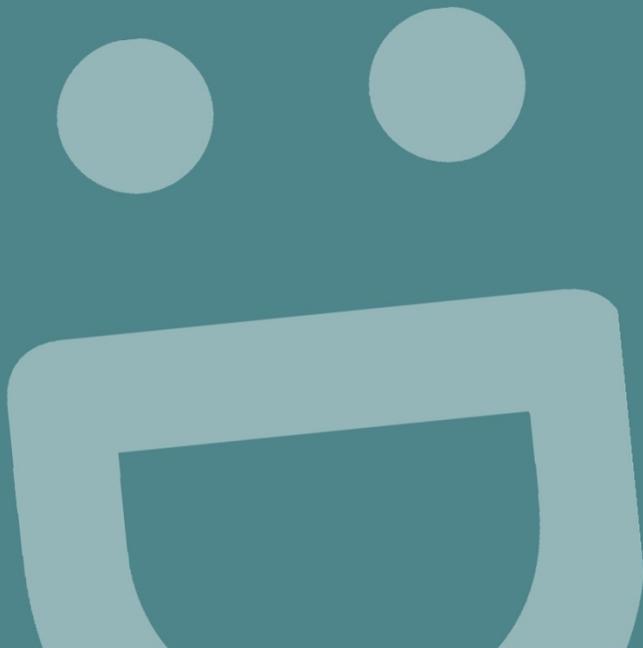
<https://tools.knowledgewalls.com/jsontostring>



How to get the wallet string from your private key.

- 1) Open terminal.
- 2) Navigate to a repo that has ether.js
- 3) type these commands in the terminal:
 - node
 - e = require("ethers")
 - key = ""
 - wallet = new e.Wallet(key)
 - wallet.encrypt("").then(str => console.log(JSON.stringify(str)))

Set up for transferable document





SET UP FOR TRANSFERABLE DOCUMENT

- Name

The name of the form

"name": "Demo Bill of Lading"



Step 1/3: Choose Type

Choose Document Type to Issue

Demo Bill of Lading

Demo cover letter



SET UP FOR TRANSFERABLE DOCUMENT

- Type
transferable record or verifiable document

"type": "TRANSFERABLE_RECORD",



SET UP FOR TRANSFERABLE DOCUMENT

- Defaults

settings that are constants among different document.

```
"$template": {  
  "type": "EMBEDDED_RENDERER",  
  "name": "BILL_OF_LADING",  
  "url": "https://demo-cnm.openattestation.com"  
},  
  
"name": "Demo Bill of Lading"
```

```
"issuers": [  
  {  
    "identityProof": {  
      "type": "DNS-TXT",  
      "location": "isaactest.xyz"  
    },  
    "name": "My token registry",  
    "tokenRegistry":  
      "0x6D489a6A2cbcB76FcEeA26102d1273cd4d3B6"  
  }  
]
```





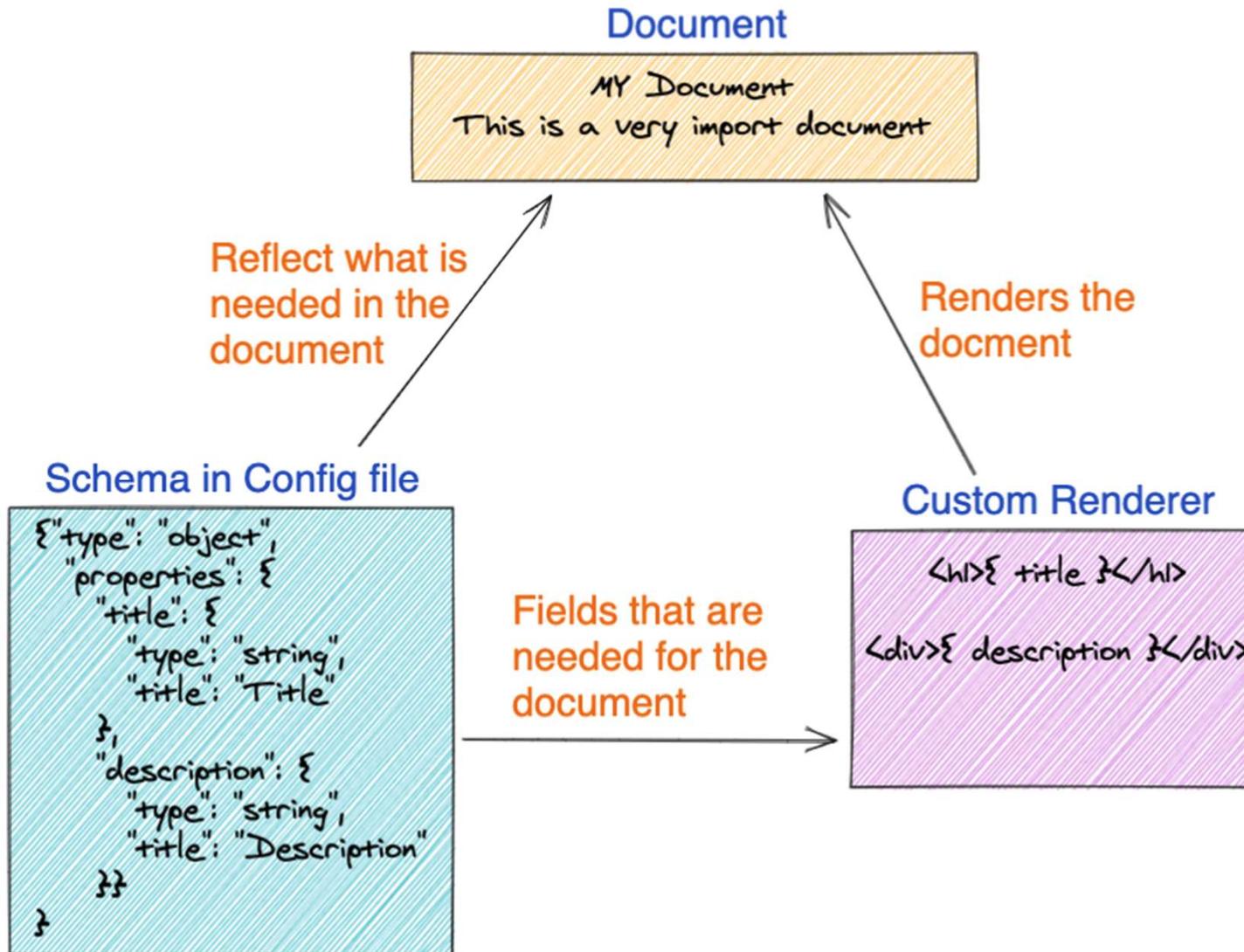
SET UP FOR TRANSFERABLE DOCUMENT

- Schema

```
"schema": {  
  "type": "object",  
  "required": ["blNumber"],  
  "properties": {  
    "blNumber": {  
      "type": "string",  
      "title": "BL Number"  
    }  
  }  
}
```



SET UP FOR TRANSFERABLE DOCUMENT





SET UP FOR TRANSFERABLE DOCUMENT

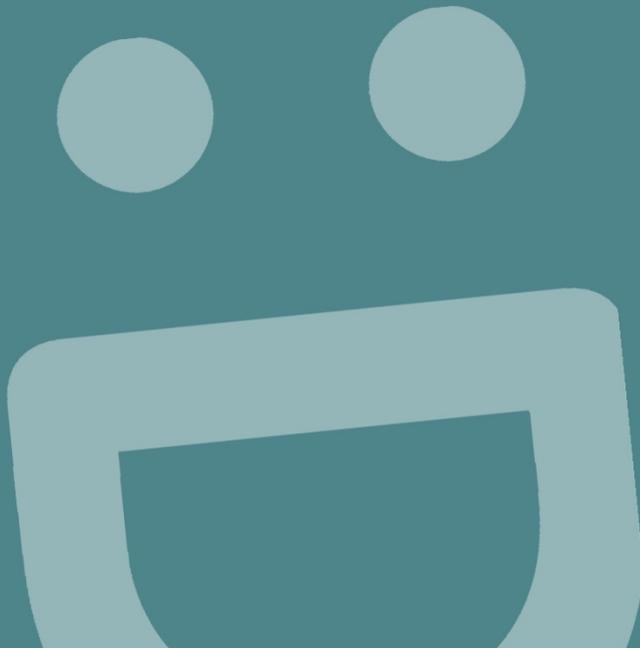
- Attachments

```
"attachments": {  
  "allow": true,  
  "accept": ".pdf"  
}
```

Examples:

- Single file extensions:
"accept": ".pdf"
- multiple file extensions:
"accept": [".pdf", ".png"]

Set up for verifiable document





SET UP FOR VERIFIABLE DOCUMENT

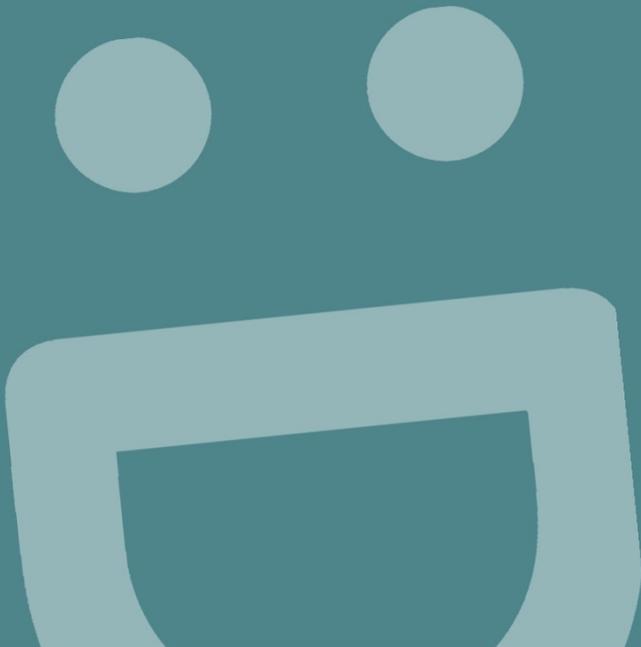
- Verifiable Documents are very similar to transferable records.
- Key Differences:
 1. form type
 2. document store in the issuers section.



Issuing document



Verify document





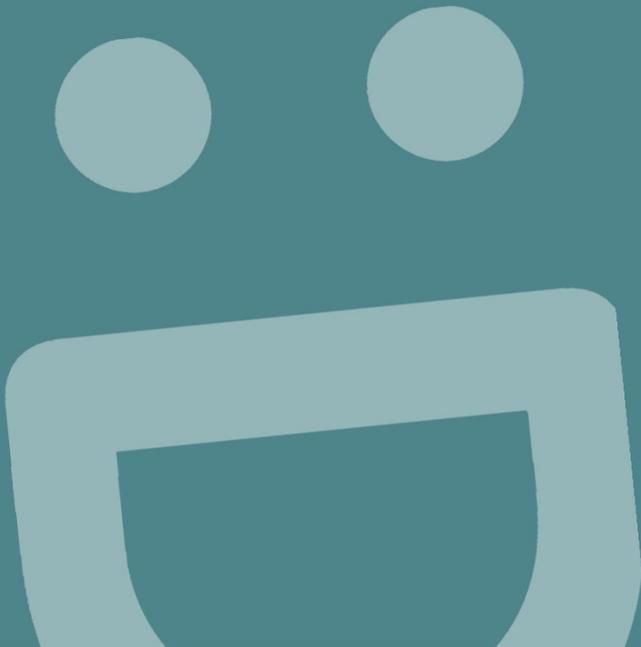
VERIFY DOCUMENT

- Go to:
 - tradetrust.io (mainnet)
 - dev.tradetrust.io (ropsten testnet)
 - rinkeby.tradetrust.io (rinkeby testnet)

The screenshot shows the TradeTrust website with a navigation bar at the top containing links for Verify Documents, Create Documents, Integrate, Training Videos, About, FAQ, Contact, and Settings. The main content area features a 'TradeTrust Tech Webinar Series' banner with a 'View More' button. Below this is a section titled 'An easy way to check and verify your documents' with a sub-headline 'TradeTrust lets you verify the documents you have of anyone from any issuer. All in one place.' To the left, there is a circular icon of a document with a ribbon and a blue arrow pointing to a large dashed box. Inside this box, there is a document icon and the text 'Drag and drop your tradetrust file to view its contents' followed by 'or' and two buttons: 'Select File' and 'Scan QR Code'.



Useful Links



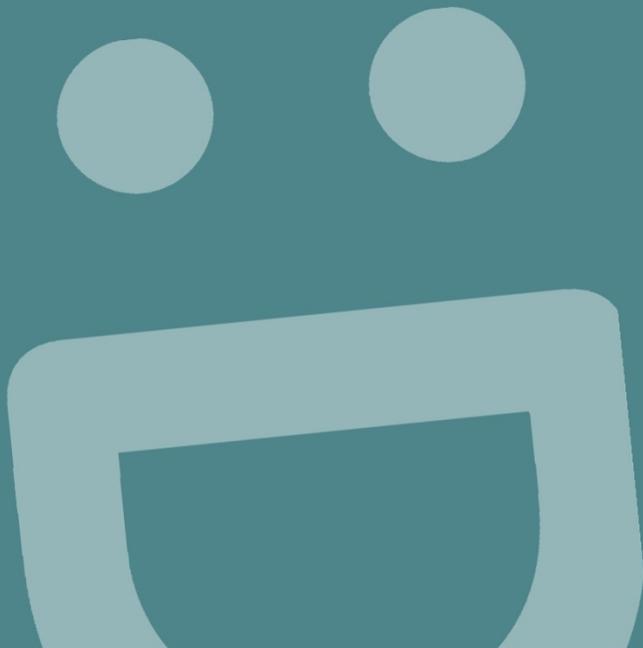


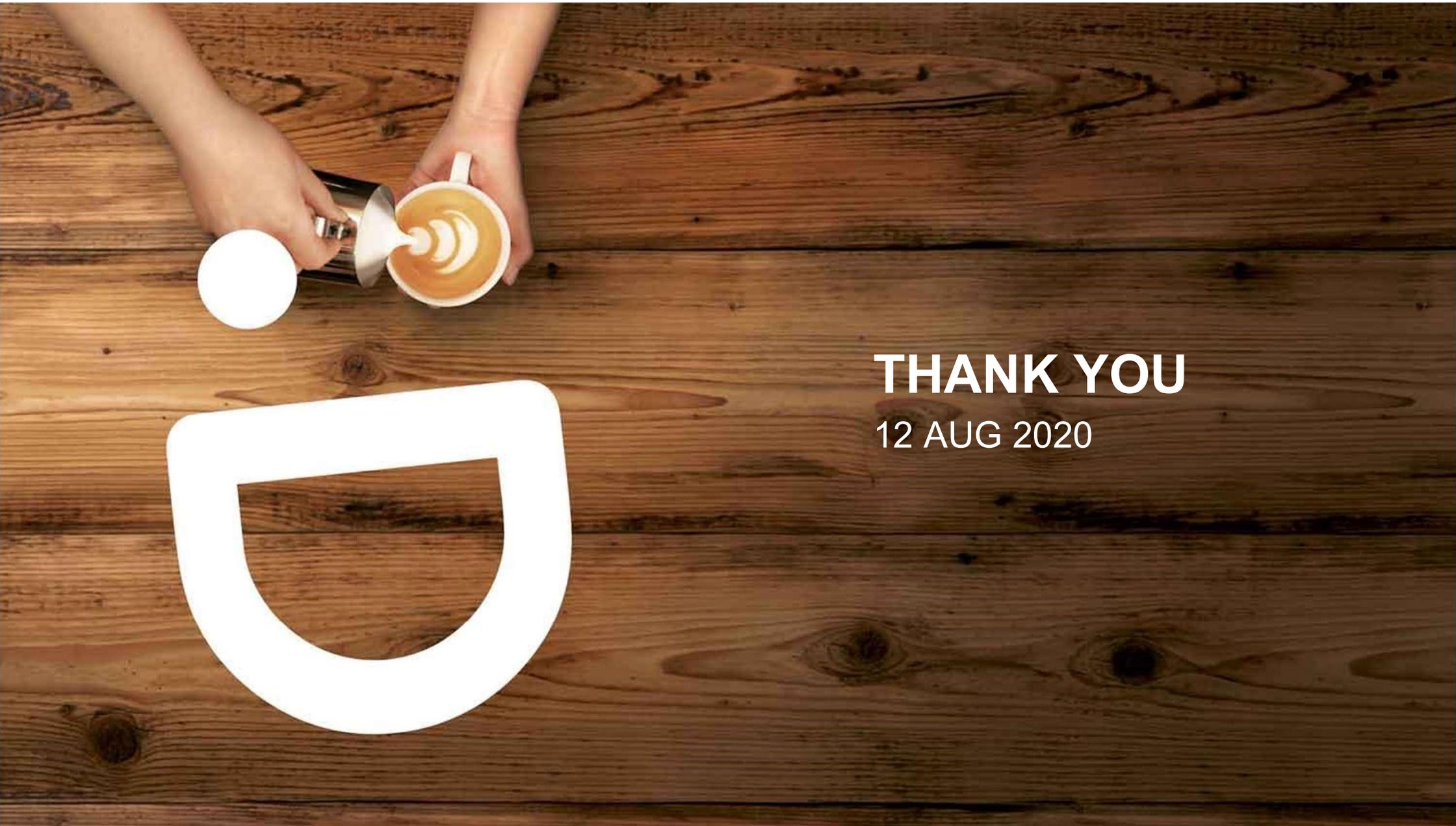
Useful links

- Document creator documentation - <https://docs.tradetrust.io/document-creator>
- Document creator - <https://creator.tradetrust.io>
- verify document:
 - 1) mainnet - <https://tradetrust.io>
 - 2) rinkeby testnet - <https://rinkeby.tradetrust.io>
 - 3) ropsten testnet - <https://dev.tradetrust.io>
- Previous webinars - <https://dev.tradetrust.io/training-videos>
- JSON schema - <https://json-schema.org/>
- React JSON schema form playground - <https://rjsf-team.github.io/react-jsonschema-form/>
- Online JSON to string converter - <https://tools.knowledgewalls.com/jsontostring>



Q&A





THANK YOU

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Backup Slides

