

# BlockDocuments.org

David A. Harness

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Web3 blockdocuments.org retail form UI for XRP payments via Xumm  
API signing with PDF downloads for optional Sologenic SOLO NFTs.

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## 1. RippleX CBDC Innovation

Project Rosalind is an experiment exploring application programming interfaces (APIs) for retail central bank digital currency (CBDC) and how the APIs could support innovation [1].

The blockchains that survive the revolution will be ones people use. The **blockdocuments.org** standard retail form UI generates XRPUSD transaction PDF documents with XRPL txhash links [2].

For example, **Wyoming Motor Vehicle Bill of Sale** {key: value} pairs payload for **XRPL Payment** transaction uses **Xumm** wallet **API** signing to generate a **PDF download** with **transaction hash link** viewable on **XRP Explorer** with the option to record **PDF→PNG-GIF** converted images as **Sologenic SOLO NFTs** [3].

Retail forms **UI workflow follows conventional expectations** of first verifying items, identities of parties, agreeing on price, signing of the document, finalized by payment and transferring of material items.

BlockDocuments supports BIS Project Rosalind **scaling goal** via operating entirely through the browser with the XRPL backend hence of lightest weight for the service provider networks [1].

XRPL Labs the developer of the Xumm API is also leading XRP Ledger **Hooks development** subject to network validation; wherein BlockDocuments is interested in further developing the **Super Saver** hook into a partial payment hook analogous to a small credit card fee for hosting the transaction in a vendor app.

## References

- [1] BIS, *Project Rosalind: building API prototypes for retail CBDC ecosystem innovation*, 2023 <https://www.bis.org/publ/othp69.htm>
- [2] D. Harness, *BlockDocuments*, 2023. <https://blockdocuments.org>
- [3] D. Harness, *Wyoming Motor Vehicle Bill of Sale*, Sologenic DEX, 2023. <https://sologenic.org/nft/0008000055955CE0E3A9981205C97D69C6DE242E70C6738A44B53FF000000003?network=mainnet>