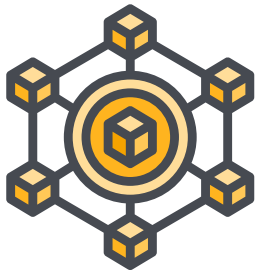


# What is a Multi-Token Contract?



- A Multi-Token Contract is a single smart contract that can manage multiple token types.
- It can store:
  - Fungible tokens (like ERC20 – coins)
  - Non-fungible tokens (NFTs) (like ERC721)
  - Semi-fungible tokens (limited items)
- Each token type is identified by a Token ID.
- One contract → many tokens → less gas & simpler management.



# What is ERC1155 Token Standard?



- ERC1155 is an Ethereum token standard for multi-token contracts.
- It was introduced to solve limitations of ERC20 & ERC721.
- ERC1155 allows:
  - Creating many tokens in one contract
  - Batch transfers (send many tokens at once)
  - Lower gas fees

