

Information about Structs in DataStore

Struct	Enc/Mac	UUID	Contents	Description
User	Symmetric Key/HMAC	uuid.FromBytes(Hash[(Username):-16])	Username,password,Private key,Signature Key, and an IntermediateUUIDmap	包含用户的所有信息, IntermediateUUIDmap包含所有的邀请者
FileNode	Symmetric Key/HMAC	uuid.New()	File contents, PrevUUID,NextUUID	文件节点储存在链表中
FileLocator	Symmetric Ket/HMAC	uuid.New()	FirstFileNodeUUID,LastFileNodeUUID,SymKeyFN,MacKeyFn	用来解析文件
Intermediate	Symmetric Key/HMAC	uuid.New()	FileLocatorUUID,SymKeyFileLocator,MacKeyFileLocator	文件的直接接受者
Invitation	HybridEncrytion/HMAC	uuid.New()	IntermediateUUID,SymKeyInter,MacKeyInter	邀请别人的时候创造
KeyFile	Symmetric Key/HMAC	uuid.FromBytes(userlib.Hash([]byte(userdata.Username + "file"+filename))[:16])	IsFileOwner bool,FileUUID,SymKeyFile,MacKeyFile	每一个用户如何获取其文件