Model::Main

AppCompatActivity

MainActivity
- -biding: ActivityMainBinding
- -{static} serverConnection: ServerConnection
- -{static} isConnected: Boolean = False

- +{static} setServerConnection(conn: ServerConnection)
- +{static} getServerConnection(): ServerConnection
- +{static} isConnectedToServer(): Boolean
- +{static} setConnected(value: Boolean)
- #onCreate(savedInstanceState: Bundle)

UI

Database

Fragment

ViewModel

DatabaseFragment
- -binding: FragmentDatabaseBinding
- -tabellaCaricata: Boolean = False
- -clusterCalcolati: Boolean = False
- -nomeTabellaCaricata: String
- -fileName: String

- +onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View

DatabaseViewModel
- -{final} mText: MutableLiveData<String>

- +DatabaseViewModel()
- +getText(): LiveData<String>

ServerException
- -{constant} serialVersionUID: long = 1L

- +ServerException(message: String)

File

FileFragment
- -binding: FragmentFileBinding

- +onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
- +onDestroyView()

Fragment

ViewModel

FileViewModel
- -{final} mText: MutableLiveData<String>

- +fileViewModel()
- +getText(): LiveData<String>

Home

HomeFragment
- -binding: FragmentHomeBinding
- -serverConnection: ServerConnection

- +onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
- +onDestroyView()
- +getServerConnection(): ServerConnection

Fragment

ViewModel

HomeViewModel
- -{final} mText: MutableLiveData<String>

- +HomeViewModel()
- +getText(): LiveData<String>

ServerConnection
- -out: ObjectOutputStream
- -in: ObjectInputStream
- -socket: Socket

- +connectToServer(ip: String, port: int): Boolean
- +isConnected(): Boolean
- +getOutputStream(): ObjectOutputStream
- +getInputStream(): ObjectInputStream
- +close()

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