Task at hand:

Open the file

Process

And return a collection of data ?? what is this? A <DTO> ?

Where all the current parsers that are completed and belong to other institutions located?

98Consolidations > 30Core > Falcon Consolidations.Parser > Parsers > MoraBancParser.cs

How to proceed?

1. Connect to SFTP
2. Process the file

Get examples from existing DTO

Create a text reader (TextReader sr = new StringReader(file content))

The point is to get a <DTO> back

Var filecontent = file.readAllText(“file path”)

Using tetreader sr = new stringreader(filecontect)

CSV Structure:

1. ClientAccountID
2. CurrencyPrimary
3. Symbol
4. Description
5. ISIN
6. Quantity
7. MarkPrice
8. PositionValue
9. FXRateToBase
10. ListingExchange

Sample CSV data:

"U14335728","USD","CPRT","COPART INC","US2172041061","80","47.36","3788.8","0.85758","NASDAQ"

"U14335728","USD","DPZ","DOMINO'S PIZZA INC","US25754A2015","4.5874","444.85","2040.7","0.85758","NASDAQ"

"U14335728","USD","GOOG","ALPHABET INC-CL C","US02079K1079","13.416","204.29","2740.75","0.85758","NASDAQ"

"U14335728","USD","GPN","GLOBAL PAYMENTS INC","US37940X1028","24","86.37","2072.88","0.85758","NYSE"

"U14335728","USD","IT","GARTNER INC","US3666511072","10.0668","238.94","2405.36","0.85758","NYSE"

"U14335728","USD","KIE","SPDR S&P INSURANCE ETF","US78464A7899","76.4798","57.9","4428.18","0.85758","ARCA"

"U14335728","USD","MEDP","MEDPACE HOLDINGS INC","US58506Q1094","10.0068","462.91","4632.25","0.85758","NASDAQ"

"U14335728","USD","META","META PLATFORMS INC-CLASS A","US30303M1027","4","767.37","3069.48","0.85758","NASDAQ"

"U14335728","USD","MSCI","MSCI INC","US55354G1004","7.8953","555.67","4387.18","0.85758","NYSE"

"U14335728","USD","MSFT","MICROSOFT CORP","US5949181045","5.5518","517.1","2870.84","0.85758","NASDAQ"

"U14335728","USD","NVO","NOVO-NORDISK A/S-SPONS ADR","US6701002056","82.9411","53.75","4458.08","0.85758","NYSE"

"U14335728","USD","POOL","POOL CORP","US73278L1052","11.6293","316.08","3675.79","0.85758","NASDAQ"

"U14335728","USD","TLT","ISHARES 20+ YEAR TREASURY BD","US4642874329","86.3139","86.15","7435.94","0.85758","NASDAQ"

"U14335728","USD","ULTA","ULTA BEAUTY INC","US90384S3031","5.3869","516.87","2784.33","0.85758","NASDAQ"

| **Class Name** | **Purpose** | **Write Yes/No?** |
| --- | --- | --- |
| NewParser | The main logic that processes the file. | YES |
| <DTO> | Maps the raw CSV data. | Yes |
| DownloadedPositionDTO | Standardized output for the database. | Possibly No if use existing |
| ProgressInfo | For progress reporting. | Possibly No if use existing |
| ParserHelper | Common parser utilities. | Possibly No if use existing |