

Please note: minor differences fr

Application
- applicationModule
+ main(String args[]) : void
+ init() : void

ApplicationModule
# configure() : void

\*handlers are configured to use specific dependencies in "ApplicationModule.configure()" and "Application.init()" sets each handler's "handleExceptionally" method to a GET endpoint.

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om the actual code, but conceptually it serves it's purpose.

<b>&lt;abstract&gt; Handler</b>
+ getPath() : String
# handle(request) : ServiceResponse
+ handleExceptionally(request, response) : ServiceResponse

<b>GetDataSetTimeRangeHandler</b>
- service
# handle(request) : GetDataSetTimeRangeResponse

<b>GetClosingPriceHandler</b>
- service
# handle(request) : GetClosingPriceResponse

<b>GetAvgClosingPriceHandler</b>
- service
# handle(request) : GetAvgClosingPriceResponse

<b>GetTopGainingHandler</b>
- service
# handle(request) : GetTopGainingResponse

<b>&lt;interface&gt; ServiceResponse</b>
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<b>GetDatasetTimeRangeResponse</b>
- minDate
- maxDate

<b>GetClosingPriceResponse</b>
- companyCode
- date
- price

<b>GetAvgClosingPriceResponse</b>
- companyCode
- startDate
- endDate
- numberOfDaysWithData
- avgPrice

<b>GetTopGainingResponse</b>
- topTenStockGains

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<interface> Service
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~ getDataSetTimeRange() : GetDatasetTimeRangeResponse ~ getClosingPrice(companyCode, date) : GetClosingPriceResponse ~ getAvgClosingPrice(companyCode, startDate, endDate) : GetAvgClosingPriceResponse ~ getTopGaining(): GetTopGainingResponse
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FAANGFundReportingService
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- dao
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<interface> DAO
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~ getCompanyCodes() : Set<CompanyCodes> ~ getClosingPrice(companyCode, date) : BigDecimal ~ getClosingPrices(companyCode) : TreeMap<Date, BigDecimal> ~ getClosingPrices(companyCode, startDate, endDate) : Collection<BigDecimal>
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InMemoryDAO
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- dataLoader
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<interface> DataLoader
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~ loadData() : Map<CompanyCode, TreeMap<Date, BigDecimal>>
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CsvFileLoader
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- dataSource
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