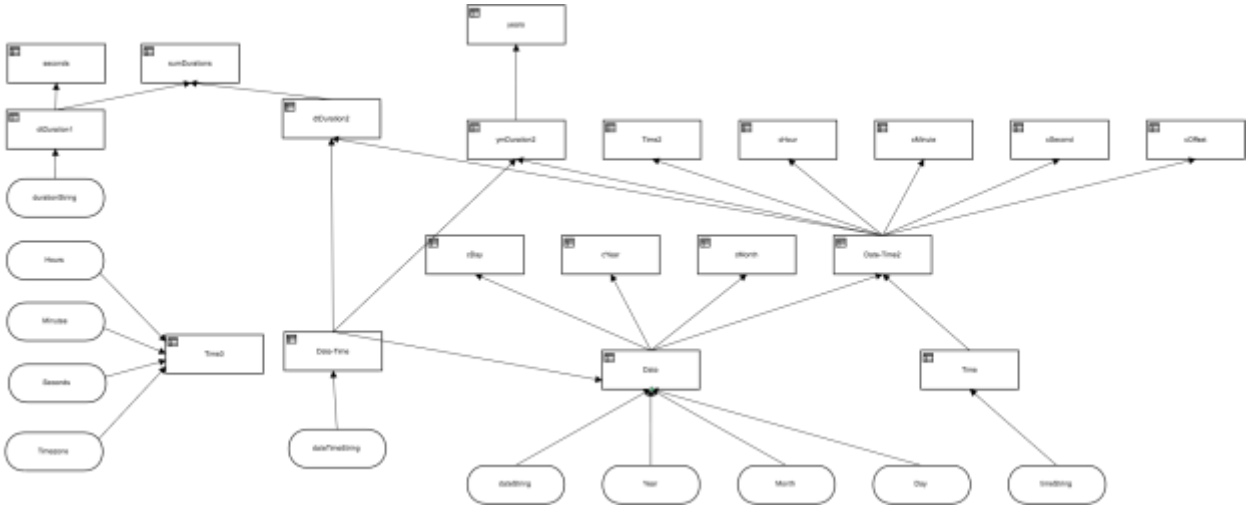
Decision Requirement Diagram



Elements

years (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

years
Number

```
ymDuration2.years
```

seconds (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

seconds
Number

```
dtDuration1.seconds
```

sumDurations (Decision)

Output Data Type

Type	Days and time duration

Decision Logic (Literal Expression)

sumDurations
Days and time duration

```
dtDuration1 + dtDuration2
```

dtDuration2 (Decision)

Output Data Type

Type	Days and time duration

Decision Logic (Literal Expression)

dtDuration2
Days and time duration

```
Date-Time - Date-Time2
```

dtDuration1 (Decision)

Output Data Type

Type	Days and time duration

Decision Logic (Literal Expression)

dtDuration1
Days and time duration

```
duration(durationString)
```

ymDuration2 (Decision)

Output Data Type

Type	Years and month duration

Decision Logic (Literal Expression)

ymDuration2
Years and month duration

```
years and months duration(Date-Time2,Date-Time)
```

Time2 (Decision)

Output Data Type

Type	Time

Decision Logic (Literal Expression)

Time2
Time

```
time(Date-Time2)
```

cHour (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cHour
Number

```
Date-Time2.hour
```

cMinute (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cMinute
Number

```
Date-Time2.minute
```

cSecond (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cSecond
Number

```
Date-Time2.second
```

cOffset (Decision)

Output Data Type

Type	Days and time duration

Decision Logic (Literal Expression)

cOffset
Days and time duration

```
Date-Time2.time offset
```

durationString (Input Data)

Input Data Type

Type	Text

Hours (Input Data)

Input Data Type

Type	Number

cDay (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cDay
Number

```
Date.fromString.day
```

cYear (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cYear
Number

```
Date.fromString.year
```

cMonth (Decision)

Output Data Type

Type	Number

Decision Logic (Literal Expression)

cMonth
Number

```
Date.fromString.month
```

Date-Time2 (Decision)

Output Data Type

Type	Date and time

Decision Logic (Literal Expression)

Date-Time2
Date and time

```
date and time(Date.fromString,Time)
```

Minutes (Input Data)

Input Data Type

Type	Number

Time3 (Decision)

Output Data Type

Type	Time

Decision Logic (Literal Expression)

Time3
Time

```
time(Hours,Minutes,Seconds,Timezone)
```

Date-Time (Decision)

Output Data Type

Type	Date and time

Decision Logic (Literal Expression)

Date-Time
Date and time

```
date and time(dateTimeString)
```

Date (Decision)

Output Data Type

Type	tDateVariants

Decision Logic (Context)

Date
tDateVariants

fromString *Date*	`date(dateString)`

fromDateTime *Date*	`date(Date-Time)`
fromYearMonthDay *Date*	`date(Year,Month,Day)`

Time (Decision)

Output Data Type

Type	Time

Decision Logic (Literal Expression)

Time *Time*
`time(timeString)`

Seconds (Input Data)

Input Data Type

Type	Number

Timezone (Input Data)

Input Data Type

Type	Days and time duration

dateTimeString (Input Data)

Input Data Type

Type	Text

dateString (Input Data)

Input Data Type

Type	Text

Year (Input Data)

Input Data Type

Type	Number

Month (Input Data)

Input Data Type

Type	Number

Day (Input Data)

Input Data Type

Type	Number

timeString (Input Data)

Input Data Type

Type	Text

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Decision Requirement Diagram

Elements

oneHour (Input Data)

Input Data Type

Type	Days and time duration

Data Types

tDateTimeComponents

Year	Number
Month	Number
Day	Number
Hour	Number
Minute	Number
	Number

Second	

tDateVariants

fromString	Date
fromDateTime	Date
fromYearMonthDay	Date