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

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

oneHour

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