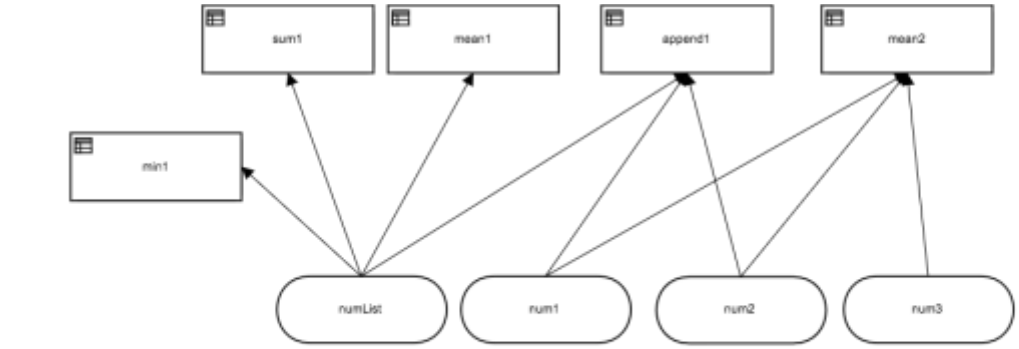
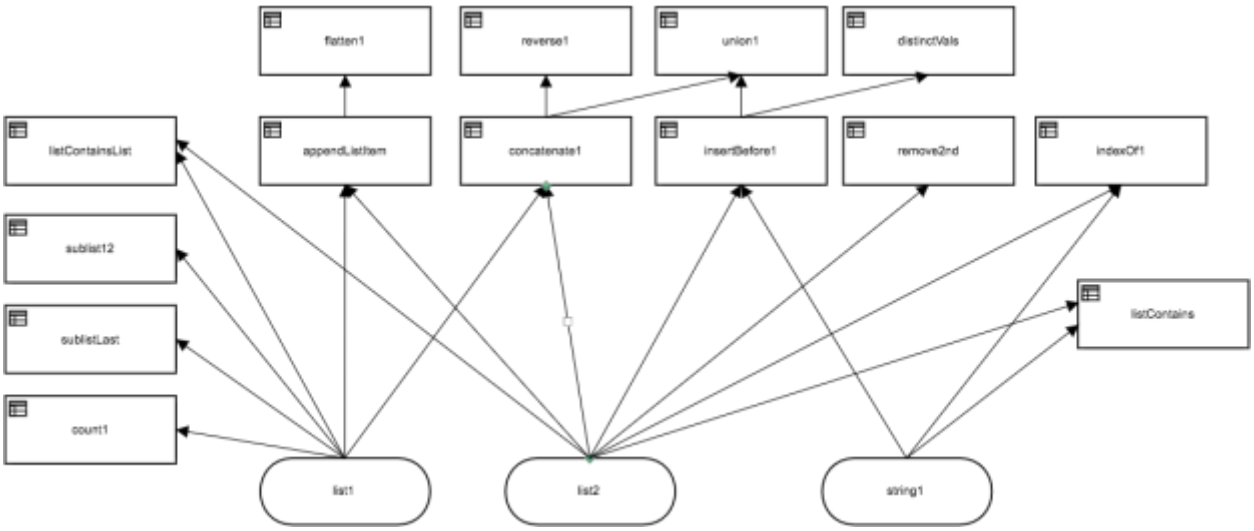
# Page 1

## Decision Requirement Diagram




## Elements

### sum1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | Number |

**Decision Logic (Literal Expression)**

**sum1**
*Number*

```
sum(numList)
```

### mean1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | Number |

**Decision Logic (Literal Expression)**

**mean1**
*Number*

```
mean(numList)
```

### append1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tNumList |

**Decision Logic (Literal Expression)**

**append1**
*tNumList*

```
append(numList,num1,num2)
```

### mean2 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | Number |

**Decision Logic (Literal Expression)**

**mean2**
*Number*

```
mean(num1,num2,num3)
```

### min1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | Number |

**Decision Logic (Literal Expression)**

**min1**
*Number*

```
min(numList)
```

### numList (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | tNumList |

### num1 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | Number |

### num2 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | Number |

### num3 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | Number |

### flatten1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

**Decision Logic (Literal Expression)**

**flatten1**
*tStringList*

```
flatten(appendListItem)
```

### reverse1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

**Decision Logic (Literal Expression)**

**reverse1**
*tStringList*

```
reverse(concatenate1)
```

### union1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

**Decision Logic (Literal Expression)**

**union1**
*tStringList*

```
union(insertBefore1,concatenate1)
```

### distinctVals (Decision)

#### Output Data Type

| | |
|---|---|
| Type | tStringList |

#### Decision Logic (Literal Expression)

**distinctVals**
*tStringList*

```
distinct values(insertBefore1)
```

### listContainsList (Decision)

#### Output Data Type

| | |
|---|---|
| Type | Boolean |

#### Decision Logic (Literal Expression)

**listContainsList**
*Boolean*

```
list contains(list1,list2)
```

### appendListItem (Decision)

#### Output Data Type

| | |
|---|---|
| Type | tListOfLists |

**Decision Logic (Literal Expression)**

**appendListItem**
*tListOfLists*

```
append(list1,list2)
```

### concatenate1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

**Decision Logic (Literal Expression)**

**concatenate1**
*tStringList*

```
concatenate(list1,list2)
```

### insertBefore1 (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

**Decision Logic (Literal Expression)**

**insertBefore1**
*tStringList*

```
insert before(list2,2,string1)
```

### remove2nd (Decision)

**Output Data Type**

| | |
|---|---|
| Type | tStringList |

#### Decision Logic (Literal Expression)

**remove2nd**
*tStringList*

```
remove(list2,2)
```

### indexOf1 (Decision)

#### Output Data Type

| | |
|---|---|
| Type | tNumList |

#### Decision Logic (Literal Expression)

**indexOf1**
*tNumList*

```
index of(list2,string1)
```

### sublist12 (Decision)

#### Output Data Type

| | |
|---|---|
| Type | tStringList |

#### Decision Logic (Literal Expression)

**sublist12**
*tStringList*

```
sublist(list1,1,2)
```

### listContains (Decision)

#### Output Data Type

| Type | Boolean |
|---|---|

**Decision Logic (Literal Expression)**

**listContains**
*Boolean*

```
list contains(list2,string1)
```

### sublistLast (Decision)

**Output Data Type**

| Type | tStringList |
|---|---|

**Decision Logic (Literal Expression)**

**sublistLast**
*tStringList*

```
sublist(list1,-1,1)
```

### count1 (Decision)

**Output Data Type**

| Type | Number |
|---|---|

**Decision Logic (Literal Expression)**

**count1**
*Number*

```
count(list1)
```

### list1 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | tStringList |

### list2 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | tStringList |

### string1 (Input Data)

**Input Data Type**

| | |
|---|---|
| Type | Text |

# Data Types

**tStringList**

| |
|---|
| Text |

**tNumList**

| |
|---|
| Number |

**tListOfLists**

| |
|---|
| tStringList |