

List Module

Namespace: [FSharp.Collections](#)
Assembly: FSharp.Core.dll

Contains operations for working with values of type [list](#).

Functions and values

| Function or value | Description |
|---|--|
| List.allPairs list1 list2 | Returns a new list that contains all pairings of elements from two lists. <div></div> |
| List.append list1 list2 | Returns a new list that contains the elements of the first list followed by elements of the second list. <div></div> |
| List.average list | Returns the average of the values in a non-empty list. <div></div> |
| List.averageBy projection list | Returns the average of values in a list generated by applying a function to each element of the list. <div></div> |
| List.choose chooser list | Applies a function to each element in a list and then returns a list of values <code>v</code> where the applied function returned <code>Some(v)</code> . Returns an empty list when the input list is empty or when the applied chooser function returns <code>None</code> for all elements. <div></div> |
| List.chunkBySize size list | Divides the input list into lists (chunks) of size at most <code>size</code> . |