

ArrayList Class

ArrayList

Uses dynamic array.

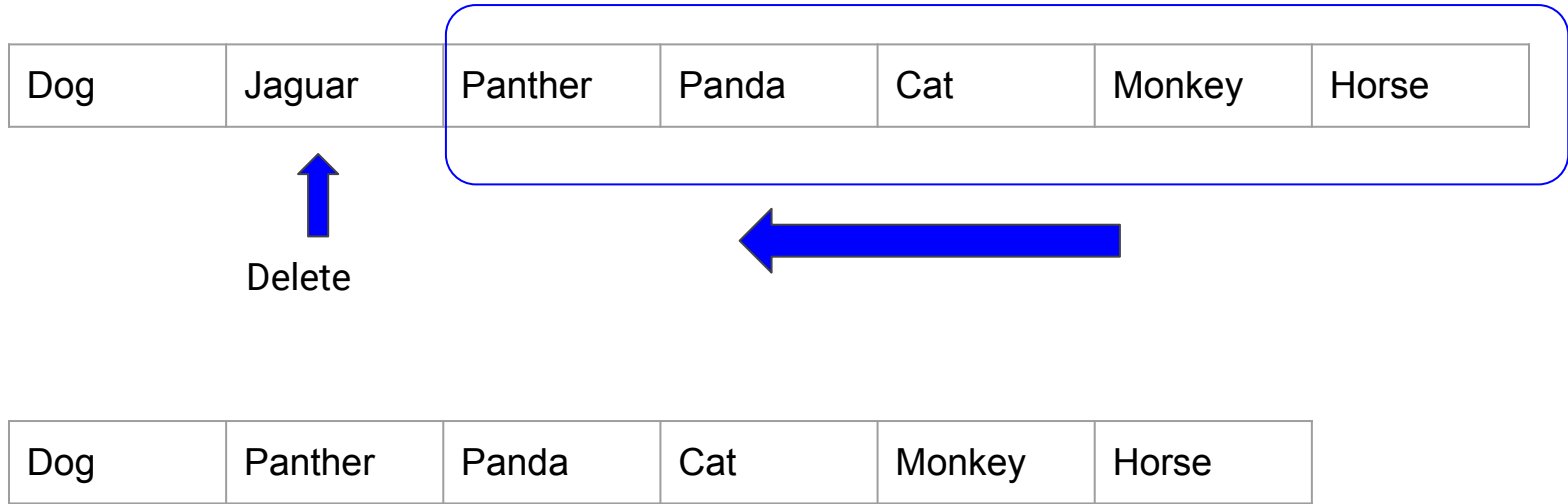
Elements are inserted in specific order.

Allows random access on basis of index.

Slow manipulation as shifting is needed if an element is removed.



Why ArrayLists are not suitable for manipulation.



Creating ArrayList

`ArrayList()` : Creates an empty array list.

`ArrayList(int capacity)`: Creates an array list with capacity specified.

`ArrayList(Collection<? extends E> m)`: Creates arraylist initialized with elements of collection specified.



ArrayList Example

```
ArrayList l1 = new ArrayList();
```

OR

```
ArrayList<String> l2 = new ArrayList<String>();
```

1st: Non-generic arraylist.

2nd: Generic arraylist.

