Collections Framework

What is a collection framework ?

Program: Manipulating data.

Objects can be used to store data, it can be manipulated using methods.

Collection framework has methods like insertion, deletion, search, sort which can be applied on objects.

What is a Java collection ?

Single unit of object which provides many interfaces.

A container which groups multiple items as a single unit.

It is dynamic, data can be added, removed and manipulated at runtime.

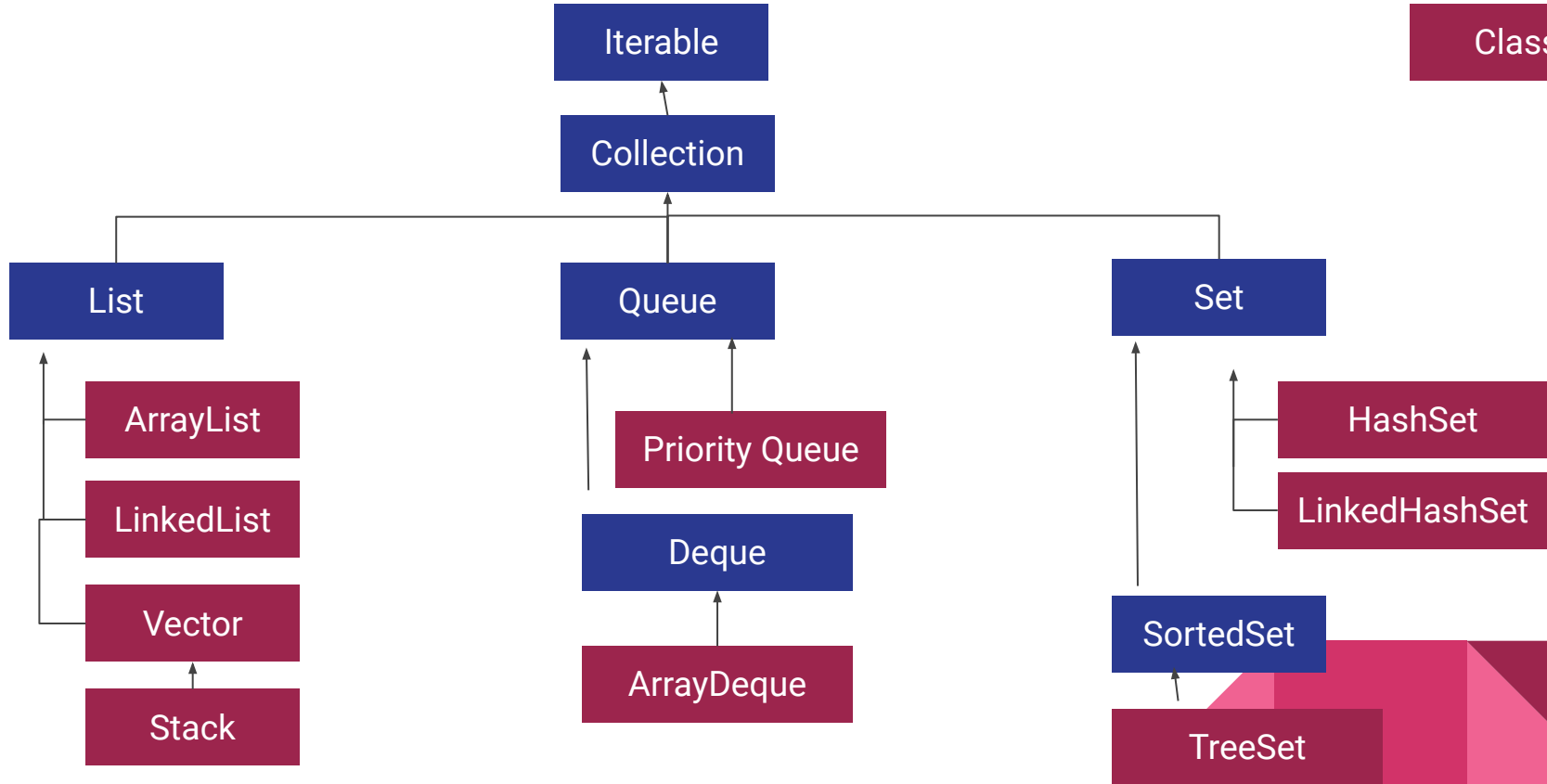Provides multiple interfaces like sets, queue, list etc.

Collection framework has set of classes and interfaces.

Hierarchy of collections framework

Let's learn about ArrayList