

Google Guava

مجموعه ای این سورس از کتابخانه های جاوا که اکثرا توسط مهندسان گوگل ساخته شده اند. شامل new collection types (such as multimap and multiset), immutable collections, a graph library, and utilities for concurrency, I/O, hashing, caching, primitives, strings و

com.google.common.collect :

This package contains generic collection interfaces and implementations, and other utilities for working with collections. Example :

BiMap<K,V> A bimap (or "bidirectional map") is a map that preserves the uniqueness of its values as well as that of its keys.

Multiset<E> A collection that supports order-independent equality, like **Set**, but may have duplicate elements.

com.google.common.base:

Basic utility libraries and interfaces.

Ascii Static methods pertaining to ASCII characters (those in the range of values 0x00 through 0x7F), and to strings containing such characters.

Objects Helper functions that can operate on any Object.

Apache Commons

پروژه ای متمرکز بر تمام جنبه های برنامه نویسی جاوا با ساخت اجزای با قابلیت استفاده مجدد.

Library examples:

[Collections](#): Extends or augments the Java Collections Framework.

[Imaging \(previously called Sanselan\)](#): A pure-Java image library.

[Email](#): Library for sending e-mail from Java.