

SophiaCompress®(Java)

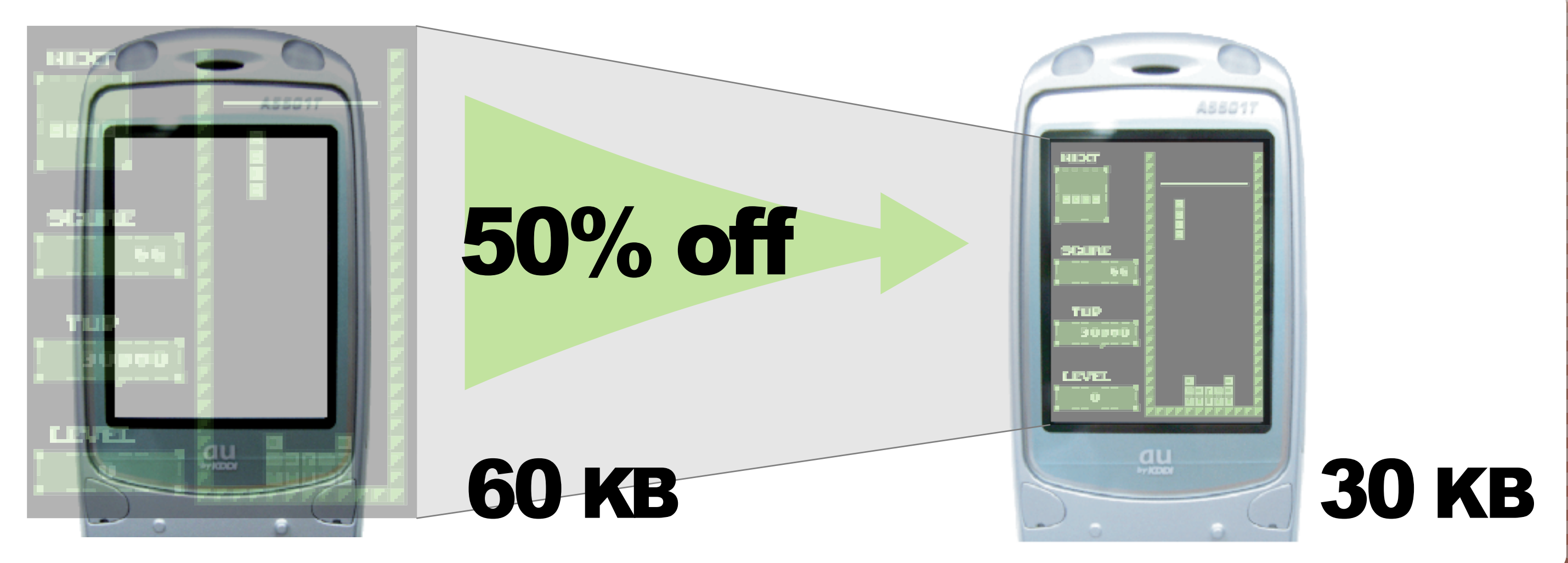
FOR OVERFLOWING MOBILE APPLICATIONS

Compression rate up to **50%**

Keep the Source code legible for **Better Maintenance**

"One-click" compression using the **GUI** mode

Supports **MIDP**

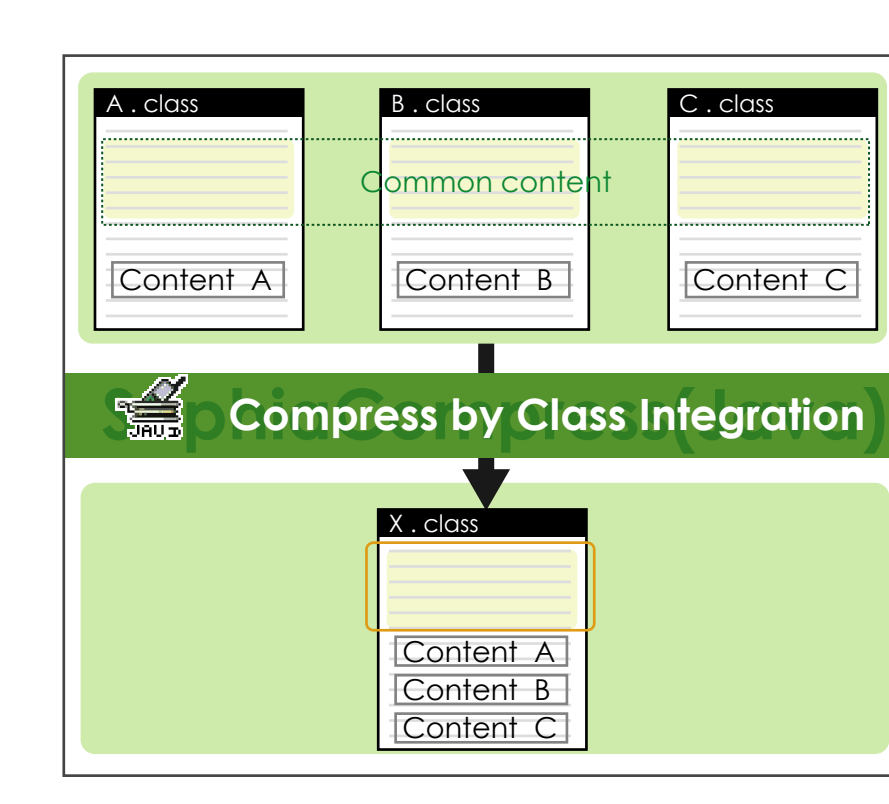


SophiaCompress(Java), with average compression rate 20-50%, is the de facto standard of Java application compression tools. It reduces the size of a Java program in Java Archive (JAR) format so that the compression for the developer becomes a trivial task. Many major content providers and game makers have used SophiaCompress(Java) to create the top-selling applications in Japan.

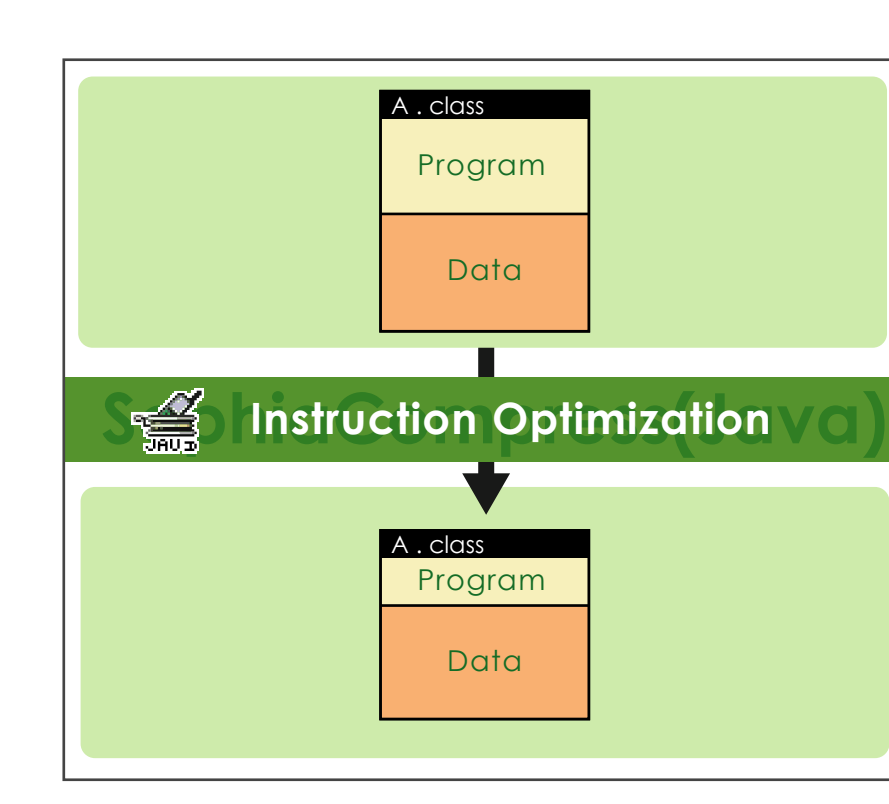
SophiaCompress(Java) does not change the source code, therefore the source code of your application is kept legible so that the time required to maintain is vastly reduced.

SophiaCompress®(BREW), an automated compression tool for BREW applications with average compression rate 50% is also available.

:: How It Works

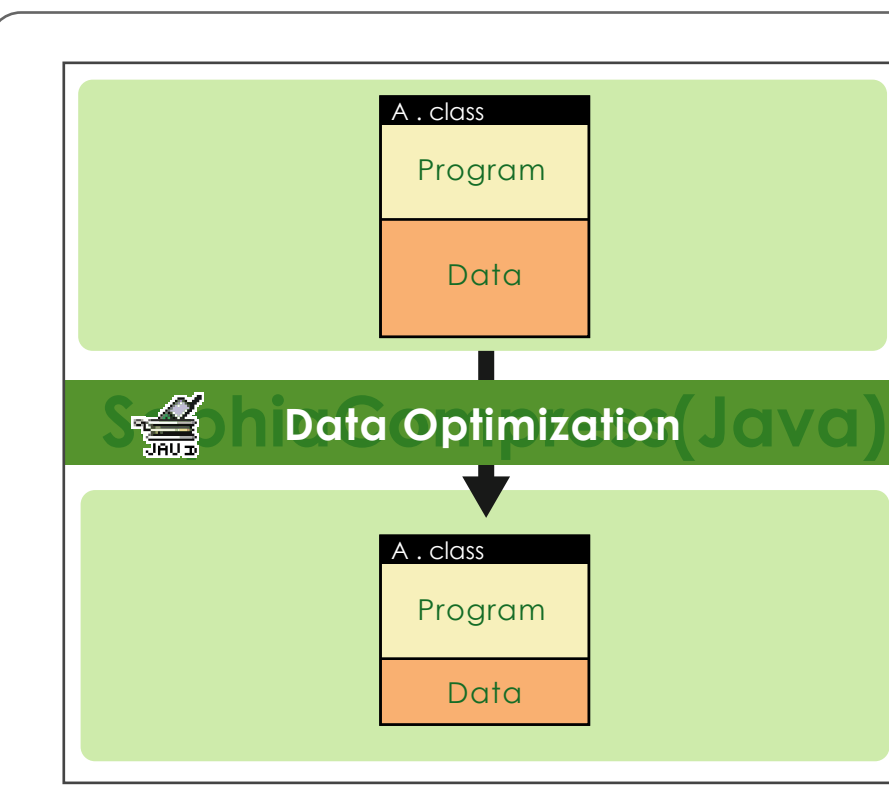


1. Class Integration
Class integration is a function that combines more than two class files into one that includes all functions. It enables sharing of data in each class file, therefore the bigger the number of the classes the higher the compression rate. Since the capacity of mobile Java applications has become bigger, this technology is very effective.



2. Instruction Optimization
Instruction is a statement in a compiled program. Instruction optimization means minimization of the size of the class by replacing such statements.

- Removal of NOP
- Removal of disused codes
- Removal of unnecessary exception tables
- Removal and replacement of GOTO
- Removal of System.out.println
- Changing the order of local variables
- Removal of unnecessary stack handling
- Inline development of methods
- Making class variables into arrays



3. Data Optimization
Data optimization is a function that minimizes program size by deleting unnecessary data or sharing common data in a JAR file.

One Click. Half-size Application. **Sc**