

Table 1: Sink methods. We remove the prefix of class name for conciseness.

Method ( <i>Class: Return Type + Method</i> )	Indices of Sunked Arguments	Existing Tools
<i>OutputStream: void write(byte[]</i>	1	✓
<i>OutputStream: void write(int)</i>	1	✓
<i>OutputStream: void write(byte[],int,int)</i>	1	✓
<i>FileOutputStream: void write(byte[]</i>	1	✓
<i>FileOutputStream: void write(int)</i>	1	✓
<i>FileOutputStream: void write(byte[],int,int)</i>	1	✓
<i>Writer: void write(char[])&gt;</i>	1	✓
<i>Writer: void write(String)</i>	1	✓
<i>Writer: void write(char[],int,int)</i>	1	✓
<i>Writer: void write(int)</i>	1	✓
<i>Writer: void write(String,int,int)</i>	1	✓
<i>Writer: Writer append(char)</i>	1	✓
<i>Writer: Writer append(CharSequence)</i>	1	✓
<i>Writer: Writer append(CharSequence,int,int)</i>	1	✓
<i>OutputStreamWriter: void write(char[])&gt;</i>	1	✓
<i>OutputStreamWriter: void write(String)</i>	1	✓
<i>OutputStreamWriter: void write(char[],int,int)</i>	1	✓
<i>OutputStreamWriter: void write(int)</i>	1	✓
<i>OutputStreamWriter: void write(String,int,int)</i>	1	✓
<i>OutputStreamWriter: Writer append(char)</i>	1	✓
<i>OutputStreamWriter: Writer append(CharSequence)</i>	1	✓
<i>OutputStreamWriter: Writer append(CharSequence,int,int)</i>	1	✓
<i>FileWriter: void write(char[])</i>	1	✓
<i>FileWriter: void write(String)</i>	1	✓
<i>FileWriter: void write(char[],int,int)</i>	1	✓
<i>FileWriter: void write(int)</i>	1	✓
<i>FileWriter: void write(String,int,int)</i>	1	✓
<i>FileWriter: Writer append(char)</i>	1	✓
<i>FileWriter: Writer append(CharSequence)</i>	1	✓
<i>FileWriter: Writer append(CharSequence,int,int)</i>	1	✓
<i>BufferedWriter: void write(char[])</i>	1	✓
<i>BufferedWriter: void write(String)</i>	1	✓
<i>BufferedWriter: void write(char[],int,int)</i>	1	✓
<i>BufferedWriter: void write(int)</i>	1	✓
<i>BufferedWriter: void write(String,int,int)</i>	1	✓
<i>BufferedWriter: Writer append(char)</i>	1	✓
<i>BufferedWriter: Writer append(CharSequence)</i>	1	✓
<i>BufferedWriter: Writer append(CharSequence,int,int)</i>	1	✓
<i>PrintWriter: void print(boolean)</i>	1	✓
<i>PrintWriter: void print(char)</i>	1	✓
<i>PrintWriter: void print(char[])</i>	1	✓
<i>PrintWriter: void print(double)</i>	1	✓
<i>PrintWriter: void print(float)</i>	1	✓
<i>PrintWriter: void print(int)</i>	1	✓
<i>PrintWriter: void print(long)</i>	1	✓
<i>PrintWriter: void print(Object)</i>	1	✓
<i>PrintWriter: void print(String)</i>	1	✓
<i>PrintWriter: void println(boolean)</i>	1	✓
<i>PrintWriter: void println(char)</i>	1	✓
<i>PrintWriter: void println(char[])</i>	1	✓
<i>PrintWriter: void println(double)</i>	1	✓
<i>PrintWriter: void println(float)</i>	1	✓
<i>PrintWriter: void println(int)</i>	1	✓
<i>PrintWriter: void println(long)</i>	1	✓
<i>PrintWriter: void println(Object)</i>	1	✓
<i>PrintWriter: void println(String)</i>	1	✓
<i>PrintWriter: void write(char[])</i>	1	✓
<i>PrintWriter: void write(char[],int,int)</i>	1	✓
<i>PrintWriter: void write(int)</i>	1	✓
<i>PrintWriter: void write(String)</i>	1	✓
<i>PrintWriter: void write(String,int,int)</i>	1	✓
<i>PrintWriter: PrintWriter append(char)</i>	1	✓
<i>PrintWriter: PrintWriter append(CharSequence)</i>	1	✓
<i>PrintWriter: PrintWriter append(CharSequence,int,int)</i>	1	✓

Table 2: Sink methods. We remove the prefix of class name for conciseness.

Method (Class: Return Type + Method)	Indices of Sunked Arguments	Existing Tools
<i>RandomAccessFile: void write(byte[],int,int)</i>	1	✓
<i>RandomAccessFile: void write(byte[])</i>	1	✓
<i>RandomAccessFile: void writeFloat(float)</i>	1	✓
<i>RandomAccessFile: void writeDouble(double)</i>	1	✓
<i>RandomAccessFile: void writeBytes(String)</i>	1	✓
<i>RandomAccessFile: void writeChars(String)</i>	1	✓
<i>RandomAccessFile: void writeChar(int)</i>	1	✓
<i>RandomAccessFile: void writeUTF(String)</i>	1	✓
<i>FileChannel: int write(ByteBuffer)</i>	1	✓
<i>FileChannel: long write(ByteBuffer[])</i>	1	✓
<i>FileChannel: long write(ByteBuffer[],int,int)</i>	1	✓
<i>FileChannel: int write(ByteBuffer,long)</i>	1	✓
<i>SQLiteDatabase: int update(String,ContentValues,String,String[])</i>	2	✓
<i>SQLiteDatabase: int updateWithOnConflict(String,ContentValues,String,String[],int)</i>	2	✓
<i>SQLiteDatabase: long insert(String,String,ContentValues)</i>	3	✓
<i>SQLiteDatabase: long insertOrThrow(String,String,ContentValues)</i>	3	✓
<i>SQLiteDatabase: long insertWithOnConflict(String,String,ContentValues.int)</i>	3	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putBoolean(String,boolean)</i>	1, 2	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putFloat(String,float)</i>	1, 2	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putInt(String,int)</i>	1, 2	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putLong(String,long)</i>	1, 2	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putString(String,String)</i>	1, 2	✓
<i>SharedPreferences.Editor: SharedPreferences.Editor putStringSet(String,Set)</i>	1, 2	✓