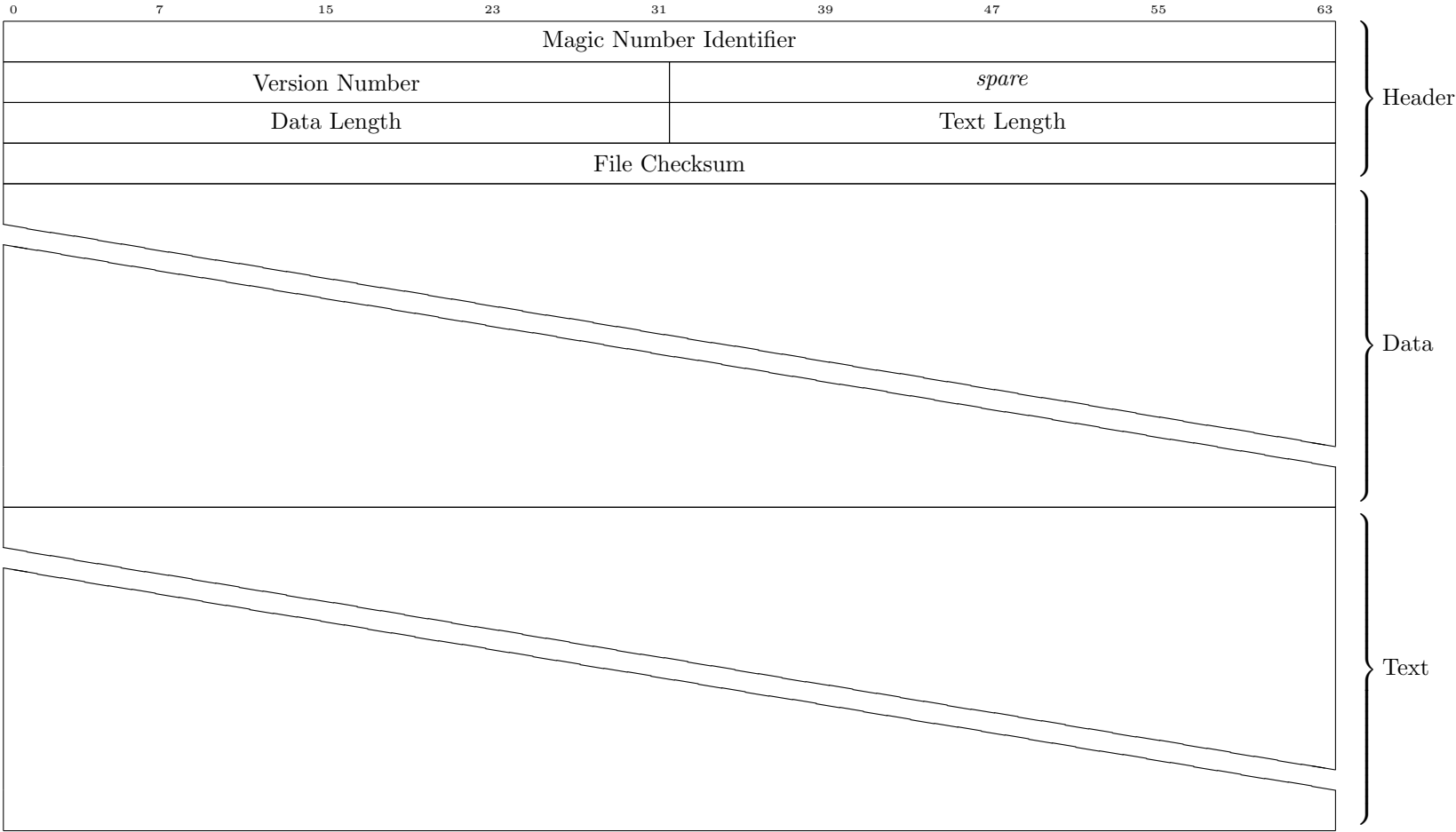


File Format



## Field descriptions

### Magic Number Identifier

0xF0 0x9F 0x8D 0x8C 0xF0 0x9F 0x8D 0x8C

A unique 64-bit value to mark the beginning of a `.bb` file. Value is two copies of the UTF-8 encoding for the “Banana” emoji concatenated.

### Version Number

### Data Length

### Text Length

Data Segment

Entry Format

identifier	<i>spare</i>	type	data length
data			

Identifier

Length of the data entry in **bytes**.

Type

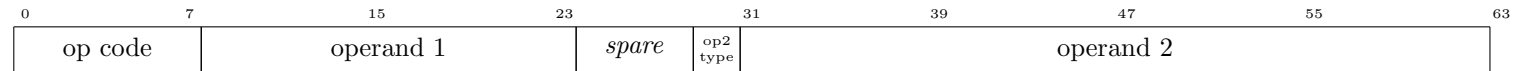
Length of the data entry in **bytes**.

Length

Length of the data entry in **bytes**.

## Text Segment

### Instruction Format



#### op code

Identifier for the instruction to execute. Two special values, 0x00 exits the program and 0xFF represents an invalid or unknown instruction (possibly will use for NOP later).

#### operand 1

Identifier for the first operand of the instruction. Special value 0x00 is null and is for instructions with no first operand.

#### op2 type

The type of operand in the operand 2 field. Uses the below table for the type values.

Code	Type
0x00	None
0x01	Variable
0x10	Literal
0x11	Small Literal

#### operand 2

Identifier or value for the second operand.