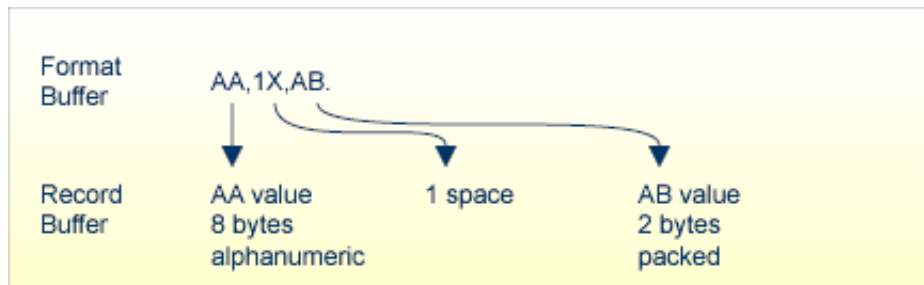# Format and Record Buffer Examples

This section provides examples of format and record buffer construction. For the Adabas file definitions used in all the examples in this section, see *File Definitions Used in Examples*.

This chapter covers the following topics:

- Example 1: Using Elementary Fields (Standard Length and Format)

- Example 2: Using Elementary Fields (Length and Format Override)

- Example 3: A Reference to a Periodic Group

- Example 4: The First Two Occurrences of Periodic Group GB

- Example 5: The Sixth Value of the Multiple-Value Field MF

- Example 6: The First Two Values of the Multiple-Value Field MF

- Example 7: The Highest Occurrence Number of a Periodic Group GC and the Existing Number of Values for the Multiple-Value Field MF
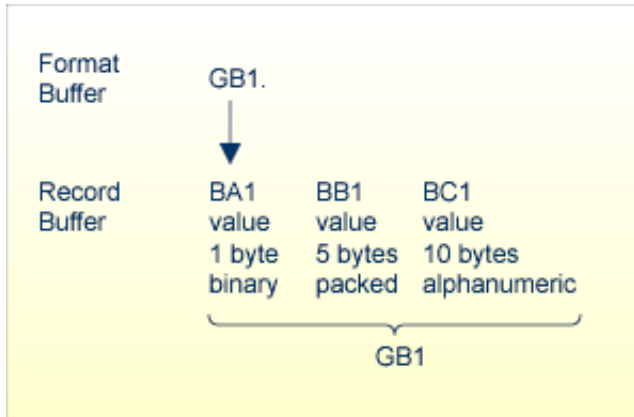
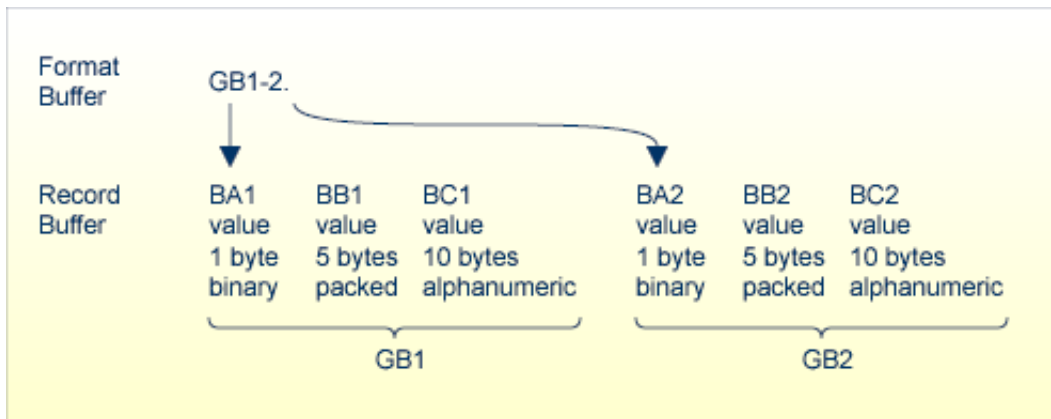## Example 1: Using Elementary Fields (Standard Length and Format)

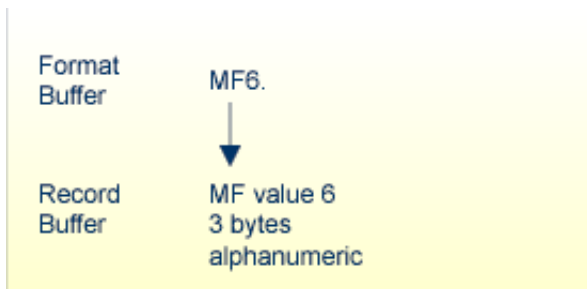## Example 2: Using Elementary Fields (Length and Format Override)
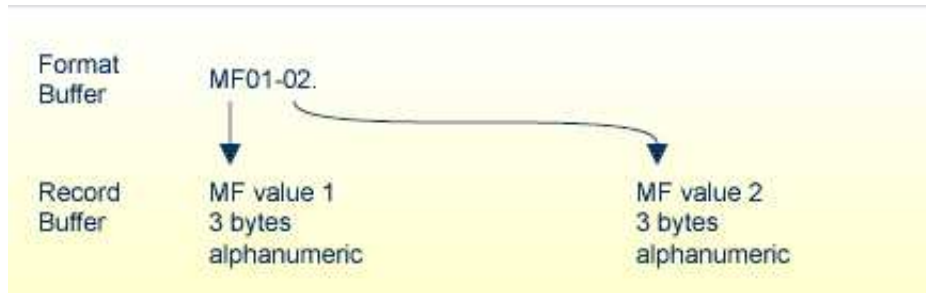
Example 3: A Reference to a Periodic Group

Format Buffer: GB1.

Record Buffer:

BA1	BB1	BC1
value	value	value
1 byte	5 bytes	10 bytes
binary	packed	alphanumeric

GB1

Example 4: The First Two Occurrences of Periodic Group GB

Format Buffer: GB1-2.

Record Buffer:

BA1	BB1	BC1	BA2	BB2	BC2
value	value	value	value	value	value
1 byte	5 bytes	10 bytes	1 byte	5 bytes	10 bytes
binary	packed	alphanumeric	binary	packed	alphanumeric

GB1   GB2

Example 5: The Sixth Value of the Multiple-Value Field MF

Format Buffer: MF6.

Record Buffer:

MF value 6
3 bytes
alphanumeric

Example 6: The First Two Values of the Multiple-Value Field MF

Format Buffer	MF01-02.	
Record Buffer	MF value 1 3 bytes alphanumeric	MF value 2 3 bytes alphanumeric

Example 7: The Highest Occurrence Number of a Periodic Group GC and the Existing Number of Values for the Multiple-Value Field MF

Format Buffer	GCC / MFC.	
Record Buffer	highest occurence numberfor GC 1 byte binary	value count for MF 1 byte binary