

```

class 生産者
values
    data = "saharaZ"
instance variables
    b : Buffer;
    pos : ℕ := 0;

operations
public
    生産者 : Buffer  $\xrightarrow{o}$  生産者
    生産者 (aBuffer)  $\triangleq$ 
        (
            b := aBuffer;
            return self
        );
public
    項目生産 : ()  $\xrightarrow{o}$  char
    項目生産 ()  $\triangleq$ 
        (
            pos := pos + 1;
            let - = new IO ().echo
            (
                "Producer ThreadID = "  $\curvearrowright$  Integer.asString (threadid)  $\curvearrowright$  ", pos = "  $\curvearrowright$ 
                Integer.asString (pos)  $\curvearrowright$ 
                ", ProduceData = "  $\curvearrowright$  [data (pos)]  $\curvearrowright$  ", \n" in
            return data (pos)
        )
thread
    while pos < len data
    do b.Put(項目生産 ())
end 生産者
Test Suite :      vdm.tc
Class :          生産者

```

Name	#Calls	Coverage
生産者 ‘生産者	1	✓
生産者 ‘項目生産	7	✓
Total Coverage		100%