

```
class interface  
    UTILITIES_V3
```

```
create  
    default_create
```

```
feature -- Binary Search
```

```
    search (a: ARRAY [STRING_8]; a_name: STRING_8): BOOLEAN
```

```
        require
```

```
            array_sorted: across
```

```
                a.lower |..| (a.upper - 1) is i
```

```
            all
```

```
                a [i] < a [i + 1]
```

```
            end
```

```
end -- class UTILITIES_V3
```