

General Test

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Contents

- 1 SomeChapter** **3**
- 1.1 Some categories 3
- 1.2 SomeSection 4
- 1.3 Testing the group commands 4
- 1.4 Testing chunks 5
- 1.5 Testing code chunks 5

Chapter 1

SomeChapter

This is dummy text

Example

```
gap> S5 := SymmetricGroup(5);  
Sym( [ 1 .. 5 ] )  
gap> Size(S5);  
120
```

Some text between two examples

Example

```
gap> A5 := AlternatingGroup(5);  
Alt( [ 1 .. 5 ] )  
gap> Size(A5);  
60
```

And we wrap up with some dummy text

1.1 Some categories

Intro text

1.1.1 MyThings (for IsObject)

- ▷ MyThings(*arg*) (filter)
Returns: true or false

1.1.2 MyThingsCollection

- ▷ MyThingsCollection(*obj*) (filter)
Returns: true or false

1.1.3 MyThingsCollColl

- ▷ MyThingsCollColl(*obj*) (filter)
Returns: true or false

1.1.4 MyThingsCollColl

- ▷ `MyThingsCollColl(obj)` (filter)
Returns: true or false
 Let's wrap up with something, though.

1.2 SomeSection

Some test just inside a section.

1.2.1 SomeSubsection

This is a subsection!

1.2.2 Markdown support

We can use test some markdown features here:

- This is a list item.
 - This is a subitem
 - We can also use math mode here: $a^2 + b^2 = c^2$.
- This is *emphasized* text in a list item.
- This is also *emphasized* text in a list item.
- This is `inline` code in a list item.

All of this can *also* be *used* outside of a list.

1.2.3 InfoTESTCLASS

- ▷ `InfoTESTCLASS` (info class)

An info class

This text will only appear in the \LaTeX version.

This text will only appear in the \LaTeX version, too.

1.3 Testing the group commands

1.3.1 A family of operations

- ▷ `FirstOperation(arg)` (operation)
 ▷ `SecondOperation(arg1, arg2)` (operation)
 ▷ `ThirdOperation(arg1, arg2)` (operation)

First sentence. Second sentence. Third sentence.

1.4 Testing chunks

This test comes after the chunk is declared, but before it is inserted. Hello, world. This line is indented!
The text "Hello, world." is inserted right before this.

1.5 Testing code chunks

This test comes after the code chunk is declared, but before it is inserted.

```
Code  
Hello, world.  
x := 1 + 1;  
if x = 2 then  
  Print("1 + 1 = 2 holds, all is good\n");  
else  
  Error("1+1 <> 2");  
fi;
```

The text "Hello, world." is inserted right before this.