

## CoCoA-5 - Support #542

### CoCoAManual: improve part on data-types

23 Apr 2014 15:08 - Anna Maria Bigatti

<b>Status:</b>	Closed	<b>Start date:</b>	23 Apr 2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Anna Maria Bigatti	<b>% Done:</b>	100%
<b>Category:</b>	Manual/documentation	<b>Estimated time:</b>	20.00 hours
<b>Target version:</b>	CoCoA-5.1.0 Easter14	<b>Spent time:</b>	20.50 hours
<b>Description</b>			
The old manual had a part about data-types. Recover it and improve it.			
<b>Related issues:</b>			
Related to CoCoA-5 - Support #556: CoCoAManual: improve part on tagging		<b>Closed</b>	<b>14 May 2014</b>
Related to CoCoA-5 - Support #557: CoCoAManual: improve part on input/output		<b>New</b>	<b>14 May 2014</b>
Related to CoCoA-5 - Support #558: CoCoAManual: semi-automatic check of all i...		<b>Closed</b>	<b>14 May 2014</b>
Related to CoCoA-5 - Support #177: CoCoAManual: General part of the documenta...		<b>In Progress</b>	<b>01 Jun 2012</b>
Related to CoCoA-5 - Support #717: CoCoAManual: improve part on RINGHOM		<b>Closed</b>	<b>20 May 2015</b>
Related to CoCoA-5 - Bug #168: Type info in CoCoA-5 manual		<b>Closed</b>	<b>25 May 2012</b>
Related to CoCoA-5 - Support #1024: CoCoA Manual: consistent spacing in VarNa...		<b>Closed</b>	<b>06 Mar 2017</b>

#### History

##### #1 - 23 Apr 2014 16:14 - Anna Maria Bigatti

Now in CoCoAHelp.xml we should tag the types as **type** or **rtn** in the syntax like this:

```
<syntax>  
adjoint (M: <type>MAT</type>) : <rtn>MAT</rtn>  
</syntax>
```

Listing the type in **types** becomes then redundant.

##### #2 - 23 Apr 2014 16:14 - Anna Maria Bigatti

- % Done changed from 0 to 30

##### #3 - 23 Apr 2014 17:22 - Anna Maria Bigatti

- Status changed from New to In Progress

- Target version changed from CoCoA-5.1.1 Seoul14 to CoCoA-5.1.0 Easter14

- % Done changed from 30 to 40

- Estimated time set to 7.00 h

More updates done in "commands" **syntax**.

Now I think that each **chapter** should be essentially empty and just give specific info, only if needed, and the commands-and-functions sections (find better name?)

#### #4 - 24 Apr 2014 09:51 - Anna Maria Bigatti

- % Done changed from 40 to 60

Now that I started this work I see that it **has to be finished** urgently.

As it was, the documentation wasn't just obsolete/incomplete, but **inconsistent** and not working (for its inconsistency the "all commands and functions.." sections in the html and TeX versions were built wrongly)

Tagging the types in the syntax actually helps being consistent and automatically produces the complete tables. Moreover avoids duplication of information (the types in **syntax** were repeated in **types**) and make the huge xml easier to read and maintain.

Thanks Emacs for this delicate replace work!!

#### #5 - 24 Apr 2014 16:30 - Anna Maria Bigatti

- % Done changed from 60 to 70

- Estimated time changed from 7.00 h to 12.00 h

While doing this massive change removing all now useless **types** I'm also doing some cleaning in the documentation.

FUNCTION is a proper type in cocoa-5 so I made a dedicated chapter in "Data Types".

Meanwhile I'm removing redundant and obsolete parts (when I see them).

#### #6 - 08 May 2014 17:42 - John Abbott

I have checked/updated essentially all fn signatures in CoCoAHelp.xml.

I have done nothing about TAGGED.

Some signatures were not easy to fix, so I have left them (many contain the word "where").

#### #7 - 14 May 2014 16:58 - Anna Maria Bigatti

- Status changed from In Progress to Feedback

- % Done changed from 70 to 90

- Estimated time changed from 12.00 h to 20.00 h

lots of cleaning: not all done but ok for current release of CoCoA-5.1

#### #8 - 14 May 2014 17:36 - Anna Maria Bigatti

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

#### #9 - 02 Jul 2014 16:40 - Anna Maria Bigatti

- Subject changed from Manual: improve part on data-types to CoCoAManual: improve part on data-types

#### #10 - 10 Oct 2019 17:43 - Anna Maria Bigatti

- Related to Bug #168: Type info in CoCoA-5 manual added

#### #11 - 10 Oct 2019 18:25 - Anna Maria Bigatti

- Related to Support #1024: CoCoA Manual: consistent spacing in VarName: TYPE added