root

Table of Contents

example.ecl   Basic Example with :
example_2.ecl   Basic Inheritance documentation : mod_3 inherits both mod_1 and mod_2
example_3.ecl   Documentation Testing Multiline Title
types.ecl

example

DESCRIPTIONS

MODULE example

example

Basic Example with : records, interface, function, modules, transform, embed, macros and functionmacro

Children

1. rec_1 : No Documentation Found

2. rec_2 : No Documentation Found

3. interface_ex : No Documentation Found

4. func_1 : No Documentation Found

5. func_2 : No Documentation Found

6. mod_1 : No Documentation Found

7. mod_2 : No Documentation Found

8. cpp_1 : No Documentation Found

9. funcmacro_1 : No Documentation Found

10. macro_1 : No Documentation Found

11. macro_2 : No Documentation Found

RECORD rec_1

rec_1

No Documentation Found

FIELD **g** ||| REAL8 — No Doc

FIELD **f** ||| REAL8 — No Doc

RECORD rec_2

rec_2

No Documentation Found

FIELD **a** ||| UNSIGNED4 — No Doc

FIELD **b** ||| REAL8 — No Doc

FIELD **g** ||| REAL8 — No Doc

INTERFACE interface_ex

interface_ex

No Documentation Found

Children

1. iface_v3 : No Documentation Found

ATTRIBUTE iface_v3

example \ interface_ex \

STRING25	iface__v3

No Documentation Found

RETURN STRING25

FUNCTION func_1

example \

	func__1
(REAL8 x, STRING25 y)	

No Documentation Found

PARAMETER x ||| REAL8 — No Doc
PARAMETER y ||| STRING25 — No Doc

RETURN REAL8

FUNCTION func_2

example \

DATASET(rec_2)	func__2
(DATASET(rec_1) d)	

No Documentation Found

PARAMETER **d** ||| TABLE (rec_1) — No Doc

RETURN **TABLE ({ UNSIGNED4 a , REAL8 b , REAL8 g })**

MODULE mod_1

mod__1
(REAL8 a)

No Documentation Found

PARAMETER **a** ||| REAL8 — No Doc

Children

1. pi_w : No Documentation Found

ATTRIBUTE pi_w

pi__w

No Documentation Found

RETURN **REAL8**

MODULE mod_2

mod__2

No Documentation Found

Children

1. pi_wo : No Documentation Found

ATTRIBUTE pi_wo

pi__wo

No Documentation Found

RETURN **REAL8**

EMBED cpp_1

DATA	cpp__1
(REAL8 varcpp)	

No Documentation Found

PARAMETER **varcpp** ||| REAL8 — No Doc

RETURN **DATA**

MACRO **funcmacro_1**

example \

funcmacro_1
(num)

No Documentation Found

PARAMETER <u>**num**</u> ||| INTEGER8 — No Doc

RETURN **BOOLEAN**

MACRO **macro_1**

example \

macro_1
(num_1, num_2)

No Documentation Found

PARAMETER <u>**num_1**</u> ||| INTEGER8 — No Doc

PARAMETER <u>**num_2**</u> ||| INTEGER8 — No Doc

RETURN

MACRO macro_2

	macro_2

No Documentation Found

RETURN

---

example__2

DESCRIPTIONS

MODULE example__2

	example__2

Basic Inheritance documentation : mod_3 inherits both mod_1 and mod_2 . Inherits v2_m1, v2_m2, Overrides v1_m1, new locals v2_m3 . Interface Inheritance : mod_4 inherits interface iface_1, overrides v1_i1

Children

1. rec_1 : No Documentation Found

2. rec_2 : No Documentation Found

3. rec_3 : No Documentation Found

4. mod_1 : No Documentation Found

5. mod_2 : No Documentation Found

6. mod_3 : No Documentation Found

7. iface_1 : No Documentation Found

8. mod_4 : No Documentation Found

RECORD rec_1

example__2 \

rec__1

No Documentation Found

FIELD <u>**v1**</u> ||| REAL8 — No Doc

RECORD rec__2

example__2 \

rec__2

No Documentation Found

FIELD <u>**v1**</u> ||| REAL8 — No Doc

FIELD <u>**v2**</u> ||| REAL8 — No Doc

RECORD rec__3

example__2 \

rec__3

No Documentation Found

FIELD <u>**v3**</u> ||| REAL8 — No Doc

FIELD <u>**v1**</u> ||| REAL8 — No Doc

MODULE mod_1

	mod__1

No Documentation Found

Children

1. v1_m1 : No Documentation Found
2. v2_m1 : No Documentation Found

ATTRIBUTE v1_m1

real8	v1__m1

No Documentation Found

RETURN **REAL8**

ATTRIBUTE v2_m1

	v2__m1

No Documentation Found

RETURN **REAL8**

MODULE mod_2

mod_2

No Documentation Found

Children

1. v1_m1 : No Documentation Found

2. v2_m2 : No Documentation Found

ATTRIBUTE v1_m1

v1_m1

No Documentation Found

RETURN **REAL8**

ATTRIBUTE v2_m2

v2_m2

No Documentation Found

RETURN **REAL8**

MODULE mod_3

	mod_3

No Documentation Found

PARENT **example_2.mod_2** <example_2.ecl.xml>

PARENT **example_2.mod_1** <example_2.ecl.xml>

Children

1. v2_m1 : No Documentation Found

2. v2_m2 : No Documentation Found

3. v1_m1 : No Documentation Found

4. v2_m3 : No Documentation Found

ATTRIBUTE v2_m1

	v2_m1

No Documentation Found

RETURN **REAL8**

INHERITED

ATTRIBUTE v2_m2

example_2 \ mod_3 \

	v2__m2

No Documentation Found

RETURN **REAL8**

INHERITED

ATTRIBUTE v1_m1

example_2 \ mod_3 \

	v1__m1

No Documentation Found

RETURN **REAL8**

OVERRIDE

ATTRIBUTE v2_m3

example_2 \ mod_3 \

	v2__m3

No Documentation Found

RETURN **REAL8**

INTERFACE iface_1

	iface_1

No Documentation Found

Children

1. v1_i1 : No Documentation Found

ATTRIBUTE v1_i1

real8	v1_i1

No Documentation Found

RETURN **REAL8**

MODULE mod_4

	mod_4

No Documentation Found

PARENT **example_2.iface_1** <example_2.ecl.xml>

Children

1. v1_i1 : No Documentation Found

2. v2_m4 : No Documentation Found

ATTRIBUTE v1_i1

example_2 \ mod_4 \

	v1__i1

No Documentation Found

RETURN **REAL8**

OVERRIDE

ATTRIBUTE v2_m4

example_2 \ mod_4 \

STRING20	v2__m4

No Documentation Found

RETURN **STRING20**

---

example_3

DESCRIPTIONS

MODULE Example_3

Example_3

Documentation Testing Multiline Title. link@myspace.com

Sentence 1 blablalbla bbblaaaa

Sentence 2

```
blablalbla                    bbbblaaaaa

bblaaaaaaaaaa
```

PARAMETER **second** ||| — okay_2

PARAMETER **first** ||| — okay_1

PARAMETER **third** ||| — okay_3

FIELD **f1** ||| — oka_f1

FIELD **f2** ||| — oka_f2

RETURN rec_1

SEE example_1.mod_1

Children

1. [mod_1](#) : No Documentation Found

MODULE mod_1

[Example_3](#) \

	mod_1

No Documentation Found

Children

1. [v1_m1](#) : Doc test 2

2. [v2_m1_ex3](#) : DOC Test 3

3. [long_name](#) : No Documentation Found

ATTRIBUTE v1_m1

[Example_3](#) \ [mod_1](#) \

	v1_m1

Doc test 2. Title end by period not newline

```
ABCD ||||
CDEF ||||
```

RETURN **REAL8**

ATTRIBUTE v2_m1_ex3

v2__m1__ex3

DOC Test 3 No Period title

RETURN **REAL8**

FUNCTION long_name

long__name
(DATASET({REAL8 u}) X, DATASET({REAL8 u}) IntW, DATASET({REAL8 u}) Intb, REAL8 BETA=0.1, REAL8 sparsityParam=0.1 , REAL8 LAMBDA=0.001, REAL8 ALPHA=0.1, UNSIGNED2 MaxIter=100)

No Documentation Found

PARAMETER <u>**x**</u> ||| TABLE ({ REAL8 u }) — No Doc

PARAMETER <u>**lambda**</u> ||| REAL8 — No Doc

PARAMETER <u>**sparsityparam**</u> ||| REAL8 — No Doc

PARAMETER <u>**maxiter**</u> ||| UNSIGNED2 — No Doc

PARAMETER <u>**intb**</u> ||| TABLE ({ REAL8 u }) — No Doc

PARAMETER <u>**beta**</u> ||| REAL8 — No Doc

PARAMETER <u>**alpha**</u> ||| REAL8 — No Doc

PARAMETER <u>**intw**</u> ||| TABLE ({ REAL8 u }) — No Doc

RETURN **REAL8**

---

types

DESCRIPTIONS

MODULE types

	types

No Documentation Found

Children

1. v1 : No Documentation Found

2. mod_1 : No Documentation Found

3. mod_1_1 : No Documentation Found

4. mod_2 : No Documentation Found

5. mod_3 : No Documentation Found

6. mod_4 : No Documentation Found

7. mod_41 : No Documentation Found

8. mod_5 : mod_5

9. mod_6 : No Documentation Found

10. mod_7 : No Documentation Found

11. mod_8 : No Documentation Found

12. mod_9 : No Documentation Found

13. mod_90 : No Documentation Found

14. mod_10 : No Documentation Found

15. mod_11 : No Documentation Found

16. D1 : No Documentation Found

17. mod_12 : No Documentation Found

18. mod_13 : No Documentation Found

19. v2 : No Documentation Found

20. v1tov2 : No Documentation Found

21. mod_14 : No Documentation Found

22. mod_15 : No Documentation Found

23. v4 : No Documentation Found

24. v5 : No Documentation Found

25. v5_1 : No Documentation Found

26. mod_17 : No Documentation Found

27. mod_18 : No Documentation Found

28. mod_19 : No Documentation Found

29. mod_20 : No Documentation Found

30. mod_21 : No Documentation Found

31. mod_22 : No Documentation Found

32. mod_23 : No Documentation Found

33. mod_24 : No Documentation Found

34. mod_25 : No Documentation Found

35. mod_26 : No Documentation Found

36. mod_27 : No Documentation Found

RECORD v1

types \

v1

No Documentation Found

FIELD <u>u</u> ||| REAL8 — No Doc

FIELD <u>v</u> ||| REAL8 — No Doc

ATTRIBUTE mod_1

types \

DATASET(v1)	**mod_1**

No Documentation Found

RETURN **TABLE ({ REAL8 u , REAL8 v })**

FUNCTION mod_1_1

types \

	mod_1_1
(TYPEOF(mod_1) x)	

No Documentation Found

PARAMETER <u>x</u> ||| TABLE ({ REAL8 u , REAL8 v }) — No Doc

RETURN **TABLE ({ REAL8 u , REAL8 v })**

ATTRIBUTE mod_2

types \

`DATASET({STRING20 a})`	**mod__2**

No Documentation Found

RETURN **TABLE ({ STRING20 a })**

ATTRIBUTE mod_3

types \

	mod__3

No Documentation Found

RETURN **UNSIGNED8**

ATTRIBUTE mod_4

types \

	mod__4

No Documentation Found

RETURN **UNSIGNED8**

MODULE mod_41

types \

mod__41

No Documentation Found

Children

1. v41 : No Documentation Found

`ATTRIBUTE` **v41**

types \ mod__41 \

v41

No Documentation Found

`RETURN` **REAL8**

`MODULE` **mod_5**

types \

mod__5
(REAL8 x)

mod_5

`PARAMETER` **x** ||| REAL8 — abcd

`RETURN` module

Children

1. v6 : No Documentation Found

ATTRIBUTE v6

types \ mod_5 \

	v6

No Documentation Found

RETURN REAL8

MODULE mod_6

types \

	mod_6
(REAL8 x)	

No Documentation Found

PARAMETER x ||| REAL8 — No Doc

Children

1. v6 : No Documentation Found

ATTRIBUTE v6

types \ mod_6 \

v6

No Documentation Found

RETURN **REAL8**

FUNCTION mod_7

types \

mod_7
(mod_5 y, REAL8 z)

No Documentation Found

PARAMETER <u>y</u> ||| FUNCTION [REAL8] (MODULE (mod_5)) — No Doc

PARAMETER <u>z</u> ||| REAL8 — No Doc

RETURN **REAL8**

FUNCTION mod_8

types \

mod_8
(mod_3 a1)

No Documentation Found

PARAMETER <u>a1</u> ||| UNSIGNED8 — No Doc

RETURN **INTEGER8**

FUNCTION mod_9

types \

mod_9
(mod_7 x)

No Documentation Found

PARAMETER x ||| FUNCTION [FUNCTION [REAL8] (MODULE (mod_5)) , REAL8] (REAL8) — No Doc

RETURN REAL8

FUNCTION mod_90

types \

mod_90
(REAL8 z)

No Documentation Found

PARAMETER z ||| REAL8 — No Doc

RETURN REAL8

RECORD mod_10

types \

mod_10

No Documentation Found

FIELD <u>u</u> ||| REAL8 — No Doc

FUNCTION mod_11

types \

mod__11
(DATASET(mod_10) y)

No Documentation Found

PARAMETER <u>y</u> ||| TABLE (mod_10) — No Doc

RETURN **TABLE (mod_10)**

ATTRIBUTE D1

types \

D1

No Documentation Found

RETURN **TABLE ({ UNSIGNED4 F1 , REAL8 f2 , REAL8 f3 })**

RECORD mod_12

types \

mod__12

No Documentation Found

FIELD **gcount** ||| INTEGER8 — No Doc

FIELD **f1** ||| UNSIGNED4 — No Doc

ATTRIBUTE mod_13

types \

	mod_13

No Documentation Found

RETURN **TABLE ({ UNSIGNED4 F1 , INTEGER8 gcount })**

RECORD v2

types \

	v2

No Documentation Found

FIELD **w3** ||| UNSIGNED4 — No Doc

FIELD **w2** ||| UNSIGNED4 — No Doc

FIELD **w1** ||| UNSIGNED4 — No Doc

TRANSFORM v1tov2

types \

v2	v1tov2
(v1 x)	

No Documentation Found

PARAMETER x ||| ROW (v1) — No Doc

RETURN v2

ATTRIBUTE mod_14

types \

TYPEOF(mod_1)	mod_14

No Documentation Found

RETURN TABLE (v1)

ATTRIBUTE mod_15

types \

DATASET(v3)	mod_15

No Documentation Found

RETURN TABLE (v3)

RECORD v4

v4

No Documentation Found

FIELD <u>w3</u> ||| UNSIGNED4 — No Doc

FIELD <u>w2</u> ||| UNSIGNED4 — No Doc

FIELD <u>w1</u> ||| UNSIGNED4 — No Doc

FIELD <u>w4</u> ||| REAL8 — No Doc

RECORD v5

v5

No Documentation Found

FIELD <u>w3</u> ||| UNSIGNED4 — No Doc

FIELD <u>w2</u> ||| UNSIGNED4 — No Doc

FIELD <u>u</u> ||| REAL8 — No Doc

FIELD <u>v</u> ||| REAL8 — No Doc

FIELD <u>w5</u> ||| TABLE (v2) — No Doc

FIELD <u>w4</u> ||| REAL8 — No Doc

FIELD <u>w1</u> ||| UNSIGNED4 — No Doc

FUNCTION v5_1

	v5_1
`(DATASET({v5, real8 y}) x)`	

No Documentation Found

PARAMETER x ||| TABLE ({ REAL8 u , REAL8 v , UNSIGNED4 w1 , UNSIGNED4 w2 , UNSIGNED4 w3 , REAL8 w4 , TABLE (v2) w5 , REAL8 y }) — No Doc

RETURN **TABLE ({ REAL8 u , REAL8 v , UNSIGNED4 w1 , UNSIGNED4 w2 , UNSIGNED4 w3 , REAL8 w4 , TABLE (v2) w5 , REAL8 y })**

TRANSFORM mod_17

`{ REAL8 a }`	**mod_17**
`(v1 x)`	

No Documentation Found

PARAMETER x ||| ROW (v1) — No Doc

RETURN **{ REAL8 a }**

FUNCTION mod_18

	mod_18
`(REAL8 x(REAL8 z), REAL8 y)`	

No Documentation Found

PARAMETER x ||| FUNCTION [REAL8] (REAL8) — No Doc

PARAMETER y ||| REAL8 — No Doc

RETURN **REAL8**

FUNCTION mod_19

types \

	mod__19
(REAL8 w)	

No Documentation Found

PARAMETER w ||| REAL8 — No Doc

RETURN **REAL8**

FUNCTION mod_20

types \

	mod__20
(mod_19 x)	

No Documentation Found

PARAMETER x ||| FUNCTION [REAL8] (REAL8) — No Doc

RETURN **REAL8**

ATTRIBUTE mod_21

types \

mod_21

No Documentation Found

RETURN REAL8

FUNCTION mod_22

types \

mod_22
(REAL8 w)

No Documentation Found

PARAMETER w ||| REAL8 — No Doc

RETURN REAL8

ATTRIBUTE mod_23

types \

mod_23

No Documentation Found

RETURN REAL8

FUNCTION mod_24

	mod_24
(REAL8 y(REAL8 z(REAL8 u)), REAL8 x(REAL8 y))	

No Documentation Found

PARAMETER x ||| FUNCTION [REAL8] (REAL8) — No Doc

PARAMETER y ||| FUNCTION [FUNCTION [REAL8] (REAL8)] (REAL8) — No Doc

RETURN **REAL8**

FUNCTION mod_25

REAL8	mod_25
(REAL8 x(REAL8 y))	

No Documentation Found

PARAMETER x ||| FUNCTION [REAL8] (REAL8) — No Doc

RETURN **REAL8**

ATTRIBUTE mod_26

	mod_26

No Documentation Found

RETURN **REAL8**

ATTRIBUTE mod_27

types \

| mod_1 | **mod_27** |

No Documentation Found

RETURN **TABLE ({ REAL8 u , REAL8 v })**