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example_2.ecl Basic Inheritance documentation : mod_3 inherits both mod_1 and mod_2
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example

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DESCRIPTIONS

MODULE example

example

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

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 7. [mod_2](#) : No Documentation Found
 8. [cpp_1](#) : No Documentation Found
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-

RECORD rec_1

[example](#) \

	rec_1
--	-------

No Documentation Found

FIELD g ||| REAL8 — No Doc

FIELD f ||| REAL8 — No Doc

RECORD rec_2

[example](#) \

	rec_2
--	-------

No Documentation Found

FIELD a ||| UNSIGNED4 — No Doc

FIELD g ||| REAL8 — No Doc

FIELD b ||| REAL8 — No Doc

INTERFACE interface_ex

[example](#) \

	interface_ex
--	--------------

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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](#) \

<code>func_1</code>
(REAL8 <code>x</code> , STRING25 <code>y</code>)

No Documentation Found

PARAMETER `y` ||| STRING25 — No Doc

PARAMETER `x` ||| REAL8 — 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](#)

[example](#) \

	mod_1
(REAL8 a)	

No Documentation Found

PARAMETER [a](#) ||| REAL8 — No Doc

Children

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

ATTRIBUTE [pi_w](#)

[example](#) \ [mod_1](#) \

	pi_w
--	-------------

No Documentation Found

RETURN REAL8 —

MODULE mod_2

[example \](#)

	mod_2
--	-------

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Children

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

ATTRIBUTE pi_wo

[example \](#) [mod_2 \](#)

	pi_wo
--	-------

No Documentation Found

RETURN REAL8 —

EMBED cpp_1

[example \](#)

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 num ||| INTEGER8 — No Doc

RETURN BOOLEAN —

MACRO macro_1

example \

	macro_1
(num_1, num_2)	

No Documentation Found

PARAMETER num_1 ||| INTEGER8 — No Doc

PARAMETER num_2 ||| INTEGER8 — No Doc

RETURN —

MACRO macro_2

[example](#) \

	macro_2
--	---------

No Documentation Found

RETURN —

example__2

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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
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No Documentation Found

FIELD v1 ||| REAL8 — No Doc

RECORD rec_2

[example_2](#) \

	rec_2
--	--------------

No Documentation Found

FIELD v2 ||| REAL8 — No Doc

FIELD v1 ||| REAL8 — No Doc

RECORD rec_3

[example_2](#) \

	rec_3
--	--------------

No Documentation Found

FIELD v3 ||| REAL8 — No Doc

FIELD v1 ||| REAL8 — No Doc

MODULE mod_1

[example_2 \](#)

	mod_1
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Children

1. [v1_m1](#) : No Documentation Found
2. [v2_m1](#) : No Documentation Found

ATTRIBUTE v1_m1

[example_2 \ mod_1 \](#)

real8	v1_m1
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No Documentation Found

RETURN REAL8 —

ATTRIBUTE v2_m1

[example_2 \ mod_1 \](#)

	v2_m1
--	-------

No Documentation Found

RETURN REAL8 —

MODULE mod_2

[example_2 \](#)

	mod_2
--	-------

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Children

1. [v1_m1](#) : No Documentation Found
2. [v2_m2](#) : No Documentation Found

ATTRIBUTE v1_m1

[example_2 \ mod_2 \](#)

	v1_m1
--	-------

No Documentation Found

RETURN REAL8 —

ATTRIBUTE v2_m2

[example_2 \ mod_2 \](#)

	v2_m2
--	-------

No Documentation Found

RETURN REAL8 —

MODULE mod_3

[example_2 \](#)

	mod_3
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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

[example_2 \](#) [mod_3 \](#)

	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

[example_2 \](#)

	iface_1
--	---------

No Documentation Found

Children

1. [v1_i1](#) : No Documentation Found

ATTRIBUTE v1_i1

[example_2 \](#) [iface_1 \](#)

real8	v1_i1
-------	-------

No Documentation Found

RETURN REAL8 —

MODULE mod_4

[example_2 \](#)

	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
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No Documentation Found

RETURN STRING20 —

example__3

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DESCRIPTIONS

MODULE

Example__3

	Example__3
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Documentation Testing Multiline Title. [link@myspace.com](#)

Sentence 1 blablalbla bbbblaaaa

Sentence 2

blablalbla

bbbblaaaaa

bbblaaaaaaaaa

PARAMETER

first ||| — okay__1

PARAMETER

second ||| — okay__2

PARAMETER

third ||| — okay__3

FIELD

f1 ||| — oka__f1

FIELD

f2 ||| — oka__f2

RETURN

— rec__1

SEE

[example_1.mod_1](#)

AUTHOR example_1.sarthakjain

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

[Example_3 \ mod_1 \](#)

v2_m1_ex3

DOC Test 3 No Period title

RETURN REAL8 —

FUNCTION long_name

[Example_3 \ mod_1 \](#)

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 sparsityparam ||| REAL8 — No Doc

PARAMETER maxiter ||| UNSIGNED2 — No Doc

PARAMETER intb ||| TABLE ({ REAL8 u }) — No Doc

PARAMETER x ||| TABLE ({ REAL8 u }) — No Doc

PARAMETER alpha ||| REAL8 — No Doc

PARAMETER intw ||| TABLE ({ REAL8 u }) — No Doc

PARAMETER beta ||| REAL8 — No Doc

PARAMETER lambda ||| REAL8 — No Doc

RETURN REAL8 —

types

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DESCRIPTIONS

MODULE types

	types
--	-------

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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 v ||| REAL8 — No Doc

FIELD 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 x ||| TABLE ({ REAL8 u , REAL8 v }) — No Doc

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

ATTRIBUTE mod_2

types \

<code>DATASET({STRING20 a})</code>	<code>mod_2</code>
------------------------------------	--------------------

No Documentation Found

RETURN TABLE ({ STRING20 a }) —

ATTRIBUTE mod_3

types \

	<code>mod_3</code>
--	--------------------

No Documentation Found

RETURN UNSIGNED8 —

ATTRIBUTE mod_4

types \

	<code>mod_4</code>
--	--------------------

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 z ||| REAL8 — No Doc

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

RETURN REAL8 —

FUNCTION mod_8

types \

	mod_8
(mod_3 a1)	

No Documentation Found

PARAMETER a1 ||| 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 ||| REAL8 — No Doc

FUNCTION mod_11

types \

	mod_11
(DATASET(mod_10) y)	

No Documentation Found

PARAMETER y ||| 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 f1 ||| UNSIGNED4 — No Doc

FIELD gcount ||| INTEGER8 — 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 w1 ||| UNSIGNED4 — No Doc

FIELD w3 ||| UNSIGNED4 — No Doc

FIELD w2 ||| 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

types \

	v4
--	----

No Documentation Found

FIELD w1 ||| UNSIGNED4 — No Doc

FIELD w3 ||| UNSIGNED4 — No Doc

FIELD w2 ||| UNSIGNED4 — No Doc

FIELD w4 ||| REAL8 — No Doc

RECORD v5

types \

	v5
--	----

No Documentation Found

FIELD w3 ||| UNSIGNED4 — No Doc

FIELD v ||| REAL8 — No Doc

FIELD w1 ||| UNSIGNED4 — No Doc

FIELD w4 ||| REAL8 — No Doc

FIELD w5 ||| TABLE (v2) — No Doc

FIELD w2 ||| UNSIGNED4 — No Doc

FIELD u ||| REAL8 — No Doc

FUNCTION v5_1

types \

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

No Documentation Found

PARAMETER \underline{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

types \

{ REAL8 a }	mod_17
(v1 x)	

No Documentation Found

PARAMETER \underline{x} ||| ROW (v1) — No Doc

RETURN { REAL8 a } —

FUNCTION mod_18

types \

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

No Documentation Found

PARAMETER y ||| REAL8 — No Doc

PARAMETER x ||| FUNCTION [REAL8] (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

types \

	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

types \

REAL8	mod_25
(REAL8 x(REAL8 y))	

No Documentation Found

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

RETURN REAL8 —

ATTRIBUTE mod_26

types \

	mod_26
--	--------

No Documentation Found

RETURN REAL8 —

ATTRIBUTE mod_27

types \

mod_1	mod_27
-------	--------

No Documentation Found

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