

# inintest

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[intest/](#) [inintest/](#)  
**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 \](#)

	<b>rec_1</b>
--	--------------

No Documentation Found

**FIELD** v1 ||| REAL8 — No Doc

---

**RECORD** rec\_2

[example\\_2](#) \

	<b>rec_2</b>
--	--------------

No Documentation Found

**FIELD** v1 ||| REAL8 — No Doc

**FIELD** v2 ||| REAL8 — No Doc

---

**RECORD** rec\_3

[example\\_2](#) \

	<b>rec_3</b>
--	--------------

No Documentation Found

**FIELD** v1 ||| REAL8 — No Doc

**FIELD** v3 ||| REAL8 — No Doc

---

## MODULE mod\_1

[example\\_2 \](#)

	mod_1
--	-------

No Documentation Found

### Children

1. [v1\\_m1](#) : No Documentation Found
2. [v2\\_m1](#) : No Documentation Found

---

## ATTRIBUTE v1\_m1

[example\\_2 \ mod\\_1 \](#)

real8	v1_m1
-------	-------

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
--	-------

No Documentation Found

### 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
--	-------

No Documentation Found

**PARENT** [intest.inintest.example\\_2.mod\\_1](#) <example\_2.ecl.tex>

**PARENT** [intest.inintest.example\\_2.mod\\_2](#) <example\_2.ecl.tex>

### 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** [intest.inintest.example\\_2.iface\\_1](#) <example\_2.ecl.tex>

### Children



1. [v1\\_i1](#) : No Documentation Found
2. [v2\\_m4](#) : No Documentation Found

---

## ATTRIBUTE **v1\_i1**

[example\\_2](#) \ [mod\\_4](#) \

	<b>v1_i1</b>
--	--------------

No Documentation Found

**RETURN** REAL8 —

**OVERRIDE**

---

## ATTRIBUTE **v2\_m4**

[example\\_2](#) \ [mod\\_4](#) \

<b>STRING20</b>	<b>v2_m4</b>
-----------------	--------------

No Documentation Found

**RETURN** STRING20 —

---

[intest/](#) [inintest/](#)  
**example\_\_3**

---

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## IMPORTS

std.Str |

## DESCRIPTIONS

### **MODULE** Example\_3

	Example_3
--	-----------

Example : Inheritance across files mod\_\_1 in Example\_4 inherits mod\_\_1 in Example\_3

#### Children

1. [mod\\_\\_1](#) : No Documentation Found

---

### **MODULE** mod\_\_1

[Example\\_3](#) \

	mod__1
--	--------

No Documentation Found

## Children

1. [v1\\_m1](#) : No Documentation Found
2. [v2\\_m1\\_ex3](#) : No Documentation Found

---

### **ATTRIBUTE** v1\_m1

[Example\\_3](#) \ [mod\\_1](#) \

	v1_m1
--	-------

No Documentation Found

**RETURN** REAL8 —

---

### **ATTRIBUTE** v2\_m1\_ex3

[Example\\_3](#) \ [mod\\_1](#) \

	v2_m1_ex3
--	-----------

No Documentation Found

**RETURN** REAL8 —

[intest/](#) [inintest/](#)  
**example\_\_4**

---

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## **IMPORTS**

Example\_\_3.mod\_\_1 |

## **DESCRIPTIONS**

### **MODULE** example\_\_4

	example__4
--	------------

Example : Inheritance across files mod\_\_1 in Example\_\_4 inherits mod\_\_1 in Example\_\_3

#### Children

1. [mod\\_\\_1](#) : No Documentation Found

---

### **MODULE** mod\_\_1

[example\\_\\_4 \](#)

	mod__1
--	--------

No Documentation Found

**PARENT** Example\_3.mod\_1 <../../example\_3.ecl.tex>

## Children

1. [v2\\_m1\\_ex4](#) : No Documentation Found
2. [v1\\_m1](#) : Doc test 2
3. [v2\\_m1\\_ex3](#) : DOC Test 3
4. [abc](#) : No Documentation Found
5. [long\\_name](#) : No Documentation Found

---

**ATTRIBUTE** v2\_m1\_ex4

[example\\_4](#) \ [mod\\_1](#) \

v2_m1_ex4
-----------

No Documentation Found

**RETURN** REAL8 —

---

**ATTRIBUTE** v1\_m1

[example\\_4](#) \ [mod\\_1](#) \

v1_m1
-------

Doc test 2. Title end by period not newline

ABCD ||||  
CDEF ||||

**RETURN** REAL8 —

**INHERITED**

---

**ATTRIBUTE** v2\_m1\_ex3

[example\\_4 \ mod\\_1 \](#)

	v2_m1_ex3
--	-----------

DOC Test 3 No Period title

**RETURN** REAL8 —

**INHERITED**

---

**FUNCTION** abc

[example\\_4 \ mod\\_1 \](#)

REAL8	abc
(REAL8 x)	

No Documentation Found

**PARAMETER** x ||| REAL8 — No Doc

**RETURN** REAL8 —

**INHERITED**

---

## FUNCTION `long_name`

[example\\_4 \ mod\\_1 \](#)

<code>long_name</code>
<pre>(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)</pre>

No Documentation Found

**PARAMETER** `sparsityparam` ||| REAL8 — No Doc

**PARAMETER** `alpha` ||| REAL8 — No Doc

**PARAMETER** `lambda` ||| REAL8 — No Doc

**PARAMETER** `maxiter` ||| UNSIGNED2 — No Doc

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

**PARAMETER** `beta` ||| REAL8 — No Doc

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

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

**RETURN** REAL8 —

**INHERITED**

---

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## **IMPORTS**

Example\_\_3 |

## **DESCRIPTIONS**

### **MODULE** example\_\_6

	<b>example__6</b>
--	-------------------

Module Hierarchy Example : mod\_\_1 -> mod\_\_11 -> mod\_\_111 . Inheritance across Hierarchy : mod\_\_2 inherits mod\_\_1.mod\_\_11 , mod\_\_3.mod\_\_31 inherits mod\_\_1.mod\_\_11 , mod\_\_4 inherits mod\_\_3.mod\_\_31, mod\_\_2 , mod\_\_5 inherits mod\_\_1 and mod\_\_1.mod\_\_11

### **Children**

1. [mod\\_\\_1](#) : No Documentation Found
2. [mod\\_\\_2](#) : No Documentation Found
3. [mod\\_\\_3](#) : No Documentation Found
4. [mod\\_\\_4](#) : No Documentation Found
5. [mod\\_\\_5](#) : No Documentation Found



## MODULE mod\_1

[example\\_6](#) \

	mod_1
--	-------

No Documentation Found

### Children

1. [v1\\_m1](#) : No Documentation Found
2. [mod\\_11](#) : No Documentation Found

---

## ATTRIBUTE v1\_m1

[example\\_6](#) \ [mod\\_1](#) \

	v1_m1
--	-------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE mod\_11

[example\\_6](#) \ [mod\\_1](#) \

	mod_11
(real8 a_11)	

No Documentation Found

**PARAMETER** [a\\_11](#) ||| REAL8 — No Doc

## Children

1. [v1\\_m11](#) : No Documentation Found
  2. [mod\\_111](#) : No Documentation Found
- 

### **ATTRIBUTE** [v1\\_m11](#)

[example\\_6](#) \ [mod\\_1](#) \ [mod\\_11](#) \

<a href="#">v1_m11</a>
------------------------

No Documentation Found

**RETURN** REAL8 —

---

### **MODULE** [mod\\_111](#)

[example\\_6](#) \ [mod\\_1](#) \ [mod\\_11](#) \

<a href="#">mod_111</a>
( <a href="#">real8</a> <a href="#">a_111</a> )

No Documentation Found

**PARAMETER** [a\\_111](#) ||| REAL8 — No Doc

## Children

1. [v1\\_m111](#) : No Documentation Found
-

## ATTRIBUTE v1\_m111

[example\\_6](#) \ [mod\\_1](#) \ [mod\\_11](#) \ [mod\\_111](#) \

	v1_m111
--	---------

No Documentation Found

## RETURN REAL8 —

## MODULE mod\_2

[example\\_6](#) \

	mod_2
--	-------

No Documentation Found

## PARENT intest.inintest.example\_6.mod\_1.mod\_11 <example\_6.ecl.tex>

### Children

1. [v1\\_m11](#) : No Documentation Found
2. [mod\\_111](#) : No Documentation Found
3. [v1\\_m2](#) : No Documentation Found

## ATTRIBUTE v1\_m11

[example\\_6](#) \ [mod\\_2](#) \

	v1_m11
--	--------

No Documentation Found

**RETURN** REAL8 —

**INHERITED**

---

**MODULE** mod\_111

[example\\_6](#) \ [mod\\_2](#) \

	mod_111
	(real8 a_111)

No Documentation Found

**PARAMETER** a\_111 ||| REAL8 — No Doc

**INHERITED**

---

**ATTRIBUTE** v1\_m2

[example\\_6](#) \ [mod\\_2](#) \

	v1_m2
--	-------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE mod\_3

[example\\_6 \](#)

	mod_3
--	-------

No Documentation Found

### Children

1. [v1\\_m3](#) : No Documentation Found
2. [mod\\_31](#) : No Documentation Found

---

## ATTRIBUTE v1\_m3

[example\\_6 \](#) [mod\\_3 \](#)

	v1_m3
--	-------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE mod\_31

[example\\_6 \](#) [mod\\_3 \](#)

	mod_31
--	--------

No Documentation Found

**PARENT** `intest.inintest.example_6.mod_1.mod_11` <example\_6.ecl.tex>

## Children

1. [v1\\_m11](#) : No Documentation Found
2. [mod\\_111](#) : No Documentation Found
3. [v1\\_m31](#) : No Documentation Found

---

### ATTRIBUTE **v1\_m11**

[example\\_6](#) \ [mod\\_3](#) \ [mod\\_31](#) \

	<b>v1_m11</b>
--	---------------

No Documentation Found

**RETURN** REAL8 —

**INHERITED**

---

### MODULE **mod\_111**

[example\\_6](#) \ [mod\\_3](#) \ [mod\\_31](#) \

	<b>mod_111</b>
(real8 a_111)	

No Documentation Found

**PARAMETER** **a\_111** ||| REAL8 — No Doc

**INHERITED**

## ATTRIBUTE v1\_m31

[example\\_6](#) \ [mod\\_3](#) \ [mod\\_31](#) \

	v1_m31
--	--------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE mod\_4

[example\\_6](#) \

	mod_4
--	-------

No Documentation Found

**PARENT** [intest.inintest.example\\_6.mod\\_3.mod\\_31](#) <example\_6.ecl.tex>

**PARENT** [intest.inintest.example\\_6.mod\\_2](#) <example\_6.ecl.tex>

### Children

1. [v1\\_m11](#) : No Documentation Found
  2. [mod\\_111](#) : No Documentation Found
  3. [v1\\_m2](#) : No Documentation Found
  4. [v1\\_m31](#) : No Documentation Found
  5. [v1\\_m4](#) : No Documentation Found
-

## ATTRIBUTE v1\_m11

[example\\_6](#) \ [mod\\_4](#) \

	v1_m11
--	--------

No Documentation Found

**RETURN** REAL8 —

## INHERITED

---

## MODULE mod\_111

[example\\_6](#) \ [mod\\_4](#) \

	mod_111
	(real8 a_111)

No Documentation Found

**PARAMETER** a\_111 ||| REAL8 — No Doc

## INHERITED

---

## ATTRIBUTE v1\_m2

[example\\_6](#) \ [mod\\_4](#) \

	v1_m2
--	-------

No Documentation Found



**RETURN** REAL8 —

**INHERITED**

---

**ATTRIBUTE** v1\_m31

[example\\_6 \ mod\\_4 \](#)

	v1_m31
--	--------

No Documentation Found

**RETURN** REAL8 —

**INHERITED**

---

**ATTRIBUTE** v1\_m4

[example\\_6 \ mod\\_4 \](#)

	v1_m4
--	-------

No Documentation Found

**RETURN** REAL8 —

---

**MODULE** mod\_5

[example\\_6 \](#)

	<code>mod_5</code>
--	--------------------

No Documentation Found

**PARENT** `intest.inintest.example_6.mod_1` <example\_6.ecl.tex>

**PARENT** `intest.inintest.example_6.mod_1.mod_11` <example\_6.ecl.tex>

Children

- 1. `v1_m1` : No Documentation Found
- 2. `mod_11` : No Documentation Found
- 3. `v1_m11` : No Documentation Found
- 4. `mod_111` : No Documentation Found
- 5. `v1_m5` : No Documentation Found

**ATTRIBUTE** `v1_m1`

`example_6 \ mod_5 \`

	<code>v1_m1</code>
--	--------------------

No Documentation Found

**RETURN** `REAL8` —

**INHERITED**

## MODULE mod\_11

[example\\_6 \ mod\\_5 \](#)

	mod_11
	(real8 a_11)

No Documentation Found

**PARAMETER** a\_11 ||| REAL8 — No Doc

**INHERITED**

---

## ATTRIBUTE v1\_m11

[example\\_6 \ mod\\_5 \](#)

	v1_m11
--	--------

No Documentation Found

**RETURN** REAL8 —

**INHERITED**

---

## MODULE mod\_111

[example\\_6 \ mod\\_5 \](#)

	mod_111
	(real8 a_111)

No Documentation Found

**PARAMETER** a\_111 ||| REAL8 — No Doc

**INHERITED**

---

**ATTRIBUTE** v1\_m5

[example\\_6](#) \ [mod\\_5](#) \

	v1_m5
--	-------

No Documentation Found

**RETURN** REAL8 —

---

[intest/](#) [inintest/](#)  
**example\_\_7**

---

[Go Up](#)

## DESCRIPTIONS

### **MODULE** example\_\_7

	example__7
--	------------

Basic Type Example Source Code copied from ECL Documentation

#### Children

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

---

### **RECORD** R

[example\\_\\_7 \](#)

	R
--	---

No Documentation Found

**FIELD** [f1](#) ||| REVERSESTRING4 — No Doc

**FIELD** [f3](#) ||| SCALEINT — No Doc

**FIELD** [f2](#) ||| NEEDC — No Doc

[intest/](#) [inintest/](#)  
**example\_\_8**

---

[Go Up](#)

## DESCRIPTIONS

### **MODULE** example\_\_8

	example__8
--	------------

Three level Hierarchy Example . Inheritance across Hierarchy . Problems with Type System – PROJECT Expression does not maintain record typename (rec\_2) but do maintain record structure . IE mod\_\_2.v1\_\_m2 should be but shown . has same structure as record .

#### Children

1. [mod\\_\\_1](#) : No Documentation Found
2. [mod\\_\\_2](#) : No Documentation Found

---

### **MODULE** mod\_\_1

[example\\_\\_8 \](#)

	mod__1
--	--------

No Documentation Found

#### Children

1. [rec\\_\\_1](#) : No Documentation Found

2. [mod\\_11](#) : No Documentation Found

---

**RECORD** **rec\_1**

[example\\_8](#) \ [mod\\_1](#) \

	<b>rec_1</b>
--	--------------

No Documentation Found

**FIELD** **a** ||| REAL8 — No Doc

---

**MODULE** **mod\_11**

[example\\_8](#) \ [mod\\_1](#) \

	<b>mod_11</b>
--	---------------

No Documentation Found

**Children**

1. [v1\\_m11](#) : No Documentation Found

---

**ATTRIBUTE** **v1\_m11**

[example\\_8](#) \ [mod\\_1](#) \ [mod\\_11](#) \

	<b>v1_m11</b>
--	---------------

No Documentation Found

**RETURN** TABLE ( rec\_1 ) —

---

## **MODULE** mod\_2

[example\\_8](#) \

	mod_2
--	-------

No Documentation Found

**PARENT** [intest.inintest.example\\_8.mod\\_1.mod\\_11](#) <example\_8.ecl.tex>

### Children

1. [v1\\_m11](#) : No Documentation Found
  2. [rec\\_2](#) : No Documentation Found
  3. [v1\\_m2](#) : No Documentation Found
- 

## **ATTRIBUTE** v1\_m11

[example\\_8](#) \ [mod\\_2](#) \

	v1_m11
--	--------

No Documentation Found

**RETURN** TABLE ( rec\_1 ) —

**INHERITED**

---



## **RECORD** rec\_2

[example\\_8 \ mod\\_2 \](#)

	rec_2
--	-------

No Documentation Found

**FIELD** b ||| REAL8 — No Doc

---

## **FUNCTION** v1\_m2

[example\\_8 \ mod\\_2 \](#)

	v1_m2
(REAL8 ag_1)	

No Documentation Found

**PARAMETER** ag\_1 ||| REAL8 — No Doc

**RETURN** TABLE ( { REAL8 b } ) —

---