

# in1intest

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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.in1intest.example_2.mod_1` <example\_2.ecl.tex>

**PARENT** `intest.in1intest.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.in1intest.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/](#) [in1intest/](#)  
**example\_\_3**

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## 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 —

---

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

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

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

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

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

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

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

**RETURN** REAL8 —

**INHERITED**

---

# intest/ in1intest/ example\_\_6

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## DESCRIPTIONS

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

example__6
------------

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](#) \

	<a href="#">v1_m1</a>
--	-----------------------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE [mod\\_11](#)

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

	<a href="#">mod_11</a>
	( <a href="#">real8</a> <a href="#">a_11</a> )

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](#) \

	v1_m11
--	--------

No Documentation Found

## RETURN REAL8 —

## MODULE mod\_111

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

	mod_111
(real8 a_111)	

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.in](#)[intest.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](#) \

<a href="#">v1_m3</a>
-----------------------

No Documentation Found

**RETURN** REAL8 —

---

## MODULE [mod\\_31](#)

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

<a href="#">mod_31</a>
------------------------

No Documentation Found

**PARENT** [intest.in1intest.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](#) \

	v1_m11
--	--------

No Documentation Found

**RETURN** REAL8 —

**INHERITED**

---

## MODULE mod\_111

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

	mod_111
(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.in1intest.example\\_6.mod\\_3.mod\\_31](#) <example\_6.ecl.tex>

**PARENT** [intest.in1intest.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 \](#)

	mod_5
--	-------

No Documentation Found

**PARENT** intest.in1intest.example\_6.mod\_1 <example\_6.ecl.tex>

**PARENT** intest.in1intest.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](#) \

	v1_m1
--	-------

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/](#) [in1intest/](#)  
**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** f3 ||| SCALEINT — No Doc

**FIELD** f1 ||| REVERSESTRING4 — No Doc

**FIELD** f2 ||| NEEDC — No Doc

# intest/ in1intest/ 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](#) \

	<code>rec_1</code>
--	--------------------

No Documentation Found

**FIELD** `a` ||| REAL8 — No Doc

---

**MODULE** `mod_11`

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

	<code>mod_11</code>
--	---------------------

No Documentation Found

**Children**

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

---

**ATTRIBUTE** `v1_m11`

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

	<code>v1_m11</code>
--	---------------------

No Documentation Found

**RETURN** TABLE ( rec\_1 ) —

---

## **MODULE** mod\_2

[example\\_8 \](#)

	mod_2
--	-------

No Documentation Found

**PARENT** intest.in1intest.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 } ) —

---