intest

Table of Contents

example_11.ecl
example_2.ecl   Basic Inheritance documentation : mod_3 inherits both mod_1 and mod_2
example_3.ecl   Example : Inheritance across files
example_4.ecl   Example : Inheritance across files
example_6.ecl   Module Hierarchy Example : mod_1 -> mod_11 -> mod_111
example_7.ecl   Basic Type Example
example_8.ecl   Three level Hierarchy Example

example__11

IMPORTS

std | intest | Example_3 | intest.Example_3 | intest.inintest | intest.inintest.Example_3 | test | Inintest | Inintest.Example_3 |

DESCRIPTIONS

MODULE **example__11**

example__11

No Documentation Found

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 **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

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

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 **intest.example_2.mod_1** <example_2.ecl.tex>

PARENT **intest.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

	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 intest.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 \

	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

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** —

example__4

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

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 <u>x</u> ||| REAL8 — No Doc

RETURN **REAL8** —

INHERITED

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 __maxiter__ ||| UNSIGNED2 — No Doc

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

PARAMETER __alpha__ ||| REAL8 — No Doc

PARAMETER __beta__ ||| REAL8 — No Doc

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

PARAMETER __sparsityparam__ ||| REAL8 — No Doc

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

PARAMETER __lambda__ ||| REAL8 — No Doc

RETURN **REAL8** —

INHERITED

example__6

[Go Up](#)

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 \

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 \

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

MODULE **mod_2**

example_6 \

| | mod_2 |

No Documentation Found

PARENT **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

mod__111
`(real8 a_111)`

No Documentation Found

PARAMETER **a__111** ||| REAL8 — No Doc

INHERITED

ATTRIBUTE v1_m2

v1__m2

No Documentation Found

RETURN **REAL8** —

MODULE mod_3

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.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

v1_m11

No Documentation Found

RETURN **REAL8** —

INHERITED

MODULE mod_111

mod_111
(real8 a_111)

No Documentation Found

PARAMETER **a_111** ||| REAL8 — No Doc

INHERITED

ATTRIBUTE v1_m31

v1_m31

No Documentation Found

RETURN **REAL8** —

MODULE **mod_4**

example_6 \

	mod_4

No Documentation Found

PARENT **intest.example__6.mod__3.mod__31** <example_6.ecl.tex>

PARENT **intest.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

mod_111
`(real8 a_111)`

No Documentation Found

PARAMETER <u>**a_111**</u> ||| REAL8 — No Doc

INHERITED

ATTRIBUTE v1_m2

v1_m2

No Documentation Found

RETURN **REAL8** —

INHERITED

ATTRIBUTE v1_m31

v1_m31

No Documentation Found

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.example__6.mod__1 <example_6.ecl.tex>

PARENT intest.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

	v1_m1

No Documentation Found

RETURN **REAL8** —

INHERITED

MODULE mod_11

	mod_11
`(real8 a_11)`	

No Documentation Found

PARAMETER <u>**a_11**</u> ||| REAL8 — No Doc

INHERITED

ATTRIBUTE v1_m11

	v1_m11

No Documentation Found

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 —

---

example__7

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

example_8

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 \

rec__1

No Documentation Found

FIELD **a** ||| REAL8 — No Doc

MODULE mod_11

example_8 \ mod_1 \

mod__11

No Documentation Found

Children

1. v1_m11 : No Documentation Found

ATTRIBUTE v1_m11

example_8 \ mod_1 \ mod_11 \

v1__m11

No Documentation Found

RETURN **TABLE (rec_1)** —

MODULE **mod_2**

example_8 \

	mod_2

No Documentation Found

PARENT **intest.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

rec_2

No Documentation Found

FIELD <u>b</u> ||| REAL8 — No Doc

FUNCTION v1_m2

v1__m2
(REAL8 ag_1)

No Documentation Found

PARAMETER <u>ag__1</u> ||| REAL8 — No Doc

RETURN **TABLE ({ REAL8 b })** —