

root

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| import_test.ecl |
| This module exists to turn a dataset of numberfields into a dataset of DiscreteFields |
| import_test_2.ecl |
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import_test

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IMPORTS

Generate | `std.Str` | Discretize |

DESCRIPTIONS

MODULE import_test

| |
|-------------|
| import_test |
|-------------|

This module exists to turn a dataset of numberfields into a dataset of DiscreteFields. This is not quite as trivial as it seems as there are a number of different ways to make the underlying data discrete; and even within one method there may be different parameters. Further - it is quite probable that different methods are going to be desired for each field.

INTERNAL True

Children

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ATTRIBUTE **c_Method**

[import_test](#) \

| | |
|--|-----------------|
| | c_Method |
|--|-----------------|

No Documentation Found

RETURN UNSIGNED4 —

RECORD **r_Method**

[import_test](#) \

| | |
|--|-----------------|
| | r_Method |
|--|-----------------|

No Documentation Found

FIELD method ||| UNSIGNED4 — No Doc

FIELD rparam2 ||| REAL8 — No Doc

FIELD iparam1 ||| INTEGER8 — No Doc

FIELD rparam1 ||| REAL8 — No Doc

FIELD fields ||| SET (UNSIGNED4) — No Doc

FUNCTION **i_ByRounding**

import_test \

| |
|---|
| i_ByRounding |
| (SET OF Types.t_FieldNumber f, REAL Scale=1.0,REAL Delta=0.0) |

No Documentation Found

PARAMETER delta ||| REAL8 — No Doc

PARAMETER scale ||| REAL8 — No Doc

PARAMETER f ||| SET (UNSIGNED4) — No Doc

RETURN TABLE (r_Method) —

FUNCTION **ByRounding**

import_test \

| |
|--|
| ByRounding |
| (DATASET(Types.NumericField) d,REAL Scale=1.0, REAL Delta=0.0) |

No Documentation Found

PARAMETER delta ||| REAL8 — No Doc

PARAMETER d ||| TABLE (NumericField) — No Doc

PARAMETER scale ||| REAL8 — No Doc

RETURN TABLE ({ UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,
INTEGER4 value }) —

FUNCTION **i_ByBucketing**

`import_test \`

| |
|--|
| i_ByBucketing |
| (SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete) |

No Documentation Found

PARAMETER **n** ||| INTEGER4 — No Doc

PARAMETER **f** ||| SET (UNSIGNED4) — No Doc

RETURN TABLE (r_Method) —

FUNCTION **ByBucketing**

`import_test \`

| |
|---|
| ByBucketing |
| (DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete) |

No Documentation Found

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

PARAMETER **n** ||| INTEGER4 — No Doc

RETURN TABLE ({ UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,
INTEGER4 value }) —

FUNCTION **i_ByTiling**

`import_test \`

| | |
|--|-------------------|
| | i_ByTiling |
| (SET OF Types.t_FieldNumber f, Types.t_Discrete N=ML_Core.Config.Discrete) | |

No Documentation Found

- PARAMETER** n ||| INTEGER4 — No Doc
- PARAMETER** f ||| SET (UNSIGNED4) — No Doc
- RETURN** TABLE (r_Method) —

FUNCTION ByTiling

import_test \

| | |
|---|-----------------|
| | ByTiling |
| (DATASET(Types.NumericField) d, Types.t_Discrete N=ML_Core.Config.Discrete) | |

No Documentation Found

- PARAMETER** d ||| TABLE (NumericField) — No Doc
- PARAMETER** n ||| INTEGER4 — No Doc
- RETURN** TABLE ({ UNSIGNED2 wi , UNSIGNED8 id , UNSIGNED4 number ,
INTEGER4 value }) —

FUNCTION Do

import_test \

| | |
|--|-----------|
| | Do |
| (DATASET(Types.NumericField) d, DATASET(r_Method) to_do) | |

No Documentation Found

PARAMETER d ||| TABLE (NumericField) — No Doc

PARAMETER to__do ||| TABLE (r_Method) — No Doc

RETURN TABLE (DiscreteField) —

import_test_2

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Constants |

DESCRIPTIONS

MODULE import_test_2

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| | import_test_2 |
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1. [nod_1](#) : Useful constants
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MODULE nod_1

[import_test_2](#) \

| | |
|--|-------|
| | nod_1 |
|--|-------|

Useful constants

Children

1. `Pi` : Constant PI
 2. `Root_2` : Constant square root of 2
-

ATTRIBUTE `Pi`

`import_test_2 \ nod_1 \`

| | |
|--|-----------------|
| | <code>Pi</code> |
|--|-----------------|

Constant PI

RETURN REAL8 —

ATTRIBUTE `Root_2`

`import_test_2 \ nod_1 \`

| | |
|--|---------------------|
| | <code>Root_2</code> |
|--|---------------------|

Constant square root of 2

RETURN REAL8 —

ATTRIBUTE `mod_1`

`import_test_2 \`

| | |
|--|--------------------|
| | <code>mod_1</code> |
|--|--------------------|

No Documentation Found

RETURN INTEGER1 —

mod_1

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DESCRIPTIONS

MODULE mod_1

| | |
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| | mod_1 |
|--|-------|

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Children

1. [v1](#) : No Documentation Found
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 3. [m1v6](#) : No Documentation Found
-

ATTRIBUTE v1

[mod_1](#) \

| | |
|--|----|
| | v1 |
|--|----|

No Documentation Found

RETURN REAL8 —

MODULE m1v4

[mod_1](#) \

| | |
|--|-------------|
| | m1v4 |
| | (REAL8 a1) |

No Documentation Found

PARAMETER a1 ||| REAL8 — No Doc

Children

1. [m1v5](#) : No Documentation Found

ATTRIBUTE m1v5

[mod_1](#) \ [m1v4](#) \

| | |
|--|-------------|
| | m1v5 |
|--|-------------|

No Documentation Found

RETURN REAL8 —

ATTRIBUTE m1v6

[mod_1](#) \

| | |
|--|-------------|
| | m1v6 |
|--|-------------|

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mod_2

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IMPORTS

mod_1 |

DESCRIPTIONS

MODULE mod_2

| | |
|--|-------|
| | mod_2 |
|--|-------|

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Children

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-

MODULE v2

[mod_2 \](#)

| | |
|--|-----------|
| | v2 |
|--|-----------|

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Children

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- 2. [m1v4](#) : No Documentation Found
- 3. [m1v6](#) : No Documentation Found

ATTRIBUTE v1

[mod_2](#) \ [v2](#) \

| | |
|--|-----------|
| | v1 |
|--|-----------|

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RETURN REAL8 —

MODULE m1v4

[mod_2](#) \ [v2](#) \

| | |
|----------------------------|-------------|
| | m1v4 |
| (REAL8 a1) | |

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PARAMETER [a1](#) ||| REAL8 — No Doc

Children

1. `m1v5` : No Documentation Found

ATTRIBUTE `m1v5`

`mod_2 \ v2 \ m1v4 \`

| | |
|--|-------------------|
| | <code>m1v5</code> |
|--|-------------------|

No Documentation Found

RETURN `REAL8` —

ATTRIBUTE `m1v6`

`mod_2 \ v2 \`

| | |
|--|-------------------|
| | <code>m1v6</code> |
|--|-------------------|

No Documentation Found

RETURN `REAL8` —

ATTRIBUTE `v3`

`mod_2 \`

| | |
|--|-----------------|
| | <code>v3</code> |
|--|-----------------|

No Documentation Found

RETURN REAL8 —

MODULE v4

[mod_2 \](#)

| | |
|------------|-----------|
| | v4 |
| (REAL8 a2) | |

No Documentation Found

PARAMETER a2 ||| REAL8 — No Doc

Children

1. [m1v5](#) : No Documentation Found
-

ATTRIBUTE m1v5

[mod_2 \](#) [v4 \](#)

| | |
|--|-------------|
| | m1v5 |
|--|-------------|

No Documentation Found

RETURN REAL8 —

ATTRIBUTE v5

[mod_2 \](#)

| | |
|--|----|
| | v5 |
|--|----|

No Documentation Found

RETURN REAL8 —

ATTRIBUTE v6

[mod_2](#) \

| | |
|--|----|
| | v6 |
|--|----|

No Documentation Found

RETURN REAL8 —
