

root

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This module exists to turn a dataset of numberfields into a dataset of DiscreteFields
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import_test

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IMPORTS

ML_Core.Generate | ML_Core.Constants | std.Str | ML_Core | ML_Core.Discretize |
PBblas.MatUtils |

DESCRIPTIONS

MODULE import_test

	import_test
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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 rparam2 ||| REAL8 — No Doc

FIELD rparam1 ||| REAL8 — No Doc

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

FIELD method ||| UNSIGNED4 — No Doc

FIELD iparam1 ||| INTEGER8 — 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 f ||| SET (UNSIGNED4) — No Doc

PARAMETER scale ||| REAL8 — 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 f ||| SET (UNSIGNED4) — No Doc

PARAMETER n ||| INTEGER4 — 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 f ||| SET (UNSIGNED4) — No Doc

PARAMETER n ||| INTEGER4 — 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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IMPORTS

[ML_Core.Constants](#) | [PBblas](#) | [Example_3](#) |

DESCRIPTIONS

MODULE import__test__2

	import__test__2
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1. [nod_1](#) : Useful constants
2. [mod_1](#) : No Documentation Found

MODULE nod__1

[import__test__2](#) \

	nod__1
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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 —

MODULE `mod_1`

`import_test_2 \`

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

No Documentation Found

mod_1

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DESCRIPTIONS

MODULE mod_1

	mod_1
--	-------

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Children

1. [v1](#) : No Documentation Found
 2. [m1v4](#) : No Documentation Found
 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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2. [v3](#) : No Documentation Found
3. [v4](#) : No Documentation Found
4. [v5](#) : No Documentation Found
5. [v6](#) : No Documentation Found

MODULE v2

[mod_2](#) \

	v2
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No Documentation Found

Children

- 1. [v1](#) : No Documentation Found
- 2. [m1v4](#) : No Documentation Found
- 3. [m1v6](#) : No Documentation Found

ATTRIBUTE v1

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

	v1
--	-----------

No Documentation Found

RETURN REAL8 —

MODULE m1v4

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

	m1v4
(REAL8 a1)	

No Documentation Found

PARAMETER [a1](#) ||| REAL8 — No Doc

Children

1. `m1v5` : No Documentation Found

ATTRIBUTE `m1v5`

`mod_2 \ v2 \ m1v4 \`

	<code>m1v5</code>
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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 —
