SMARDDA/DEVELOP 2017-4

Generated by Doxygen 1.8.13

Contents

1	Deve	veloper Guide 1									
	1.1	Sources	1								
	1.2	Available Classes	1								
	1.3	3 Use in Computational Physics									
		1.3.1 Advantages of object-oriented Fortran, bash and dialog	2								
		1.3.2 Object-oriented Fortran	2								
		1.3.3 Hierarchical Objects	2								
	1.4	Development tools available	3								
		1.4.1 Files	3								
		1.4.2 Documentation Examples	4								
	1.5	Miscellaneous Documentation	4								
2	Mod	lodules Index									
	2.1	Modules List	5								
3	Data	Type Index	7								
	3.1	Data Types List	7								
4	File	Index	9								
	4 1	File List	a								

ii CONTENTS

5	Mod	ule Doc	le Documentation					
	5.1	dbtree	_m Module Reference					
		5.1.1	Function/	Subroutine Documentation	13			
			5.1.1.1	dbtree_accum()	13			
			5.1.1.2	dbtree_addnode()	13			
			5.1.1.3	dbtree_addobj()	14			
			5.1.1.4	dbtree_box()	14			
			5.1.1.5	dbtree_close()	15			
			5.1.1.6	dbtree_closewrite()	15			
			5.1.1.7	dbtree_delete()	15			
			5.1.1.8	dbtree_dia()	15			
			5.1.1.9	dbtree_find()	16			
			5.1.1.10	dbtree_geom()	16			
			5.1.1.11	dbtree_getreesca()	16			
			5.1.1.12	dbtree_init()	17			
			5.1.1.13	dbtree_initfile()	17			
			5.1.1.14	dbtree_initfm()	18			
			5.1.1.15	dbtree_initfullm()	18			
			5.1.1.16	dbtree_initwrite()	18			
			5.1.1.17	dbtree_mfind()	19			
			5.1.1.18	dbtree_quantise()	19			
			5.1.1.19	dbtree_readcon()	19			
			5.1.1.20	dbtree_write()	20			
			5.1.1.21	dbtree_writeg()	20			
			5.1.1.22	dbtree_writev()	21			
			5.1.1.23	ordersplit()	21			
5.1.2 Variable Documentation			Variable I	Documentation	22			
			5.1.2.1	controlfile	22			
			5.1.2.2	1	22			
			5.1.2.3		22			
			5.1.2.4	ij	22			
			5.1.2.5	ilog	22			
			5.1.2.6	<u> </u>	23			
			5.1.2.7	J	23			
			5.1.2.8	k	23			
			5.1.2.9	kk	23			
			5.1.2.10	· · · · · · · · · · · · · · · · · · ·	23			
			5.1.2.11	m_name	24			
			5.1.2.12	nindbt	24			
			5.1.2.13	noutbo	24			
			5.1.2.14	outputfile	24			
	. .	alas II		status	24			
	5.2	develo	per Module	Reference	24			