

Low level metadata for implementing ELM: includes all source code, scripts, input data required to run model; includes all (generic) paths and filenames of raw output data																						
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File_name	I/O /app	File _type	Code _type	Data_type	Use	Project	General Description	Data_source or Contact	(map projections defined elsewhere) Map region	Data_step	Data InitDat	Data EndDat	Storage server	Storage_IP	(path assembled from base and remainder parts) Storage_path	File_name	File_size (Mb)	ELM version	version increment	Base type	Remainder_path	Updated
ELM.src.*.tar.gz		gzip binary	*		archive	all	all ELM source code & most scripts (created by ArchiveSrc script)	cfitz@sfwmd.gov					HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/src/arc_src/	ELM.src.*.tar.gz		2.1	.1	arc_src		7/31/2002
Fire.c	app	ascii	.c		dynamic_Calc	all	unused old source for fire functions	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	Fire.c		2.1	.1	sme	SMDriver/Sources/SpatMod/	1/1/2001
Fluxes.c	app	ascii	.c		dynamic_Calc	all	determines overland, groundwater flows, interactions	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	Fluxes.c		2.1	.1	sme	SMDriver/Sources/SpatMod/	7/31/2002
Success.c	app	ascii	.c		dynamic_Calc	all	determines succession, or habitat switching	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	Success.c		2.1	.1	sme	SMDriver/Sources/SpatMod/	1/1/2001
UnitMod.c	app	ascii	.c		dynamic_Calc	all	unit (non-spatial) determinant of hydrology, biology, chemistry	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/UnitMod/	UnitMod.c		2.1	.1	sme	SMDriver/Sources/UnitMod/	7/31/2002
WatMgmt.c	app	ascii	.c		dynamic_Calc	all	determines surf&gw flows among canal vectors and cells	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	WatMgmt.c		2.1	.1	sme	SMDriver/Sources/SpatMod/	7/31/2002
SpStat.c	app	ascii	.c		postprocess	all	spatial stats for post-processing output	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpStat/	SpStat.c		2.1	.1	sme	SMDriver/Sources/SpStat/	1/1/2001
Date.c	app	ascii	.c		utility_data	all	date functions (also used in ELM) for spatial post-processing	HSM@SFMWD cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpStat/	Date.c		2.1	.1	sme	SMDriver/Sources/SpStat/	1/1/2001
grid_io.c	app	ascii	.c		utility_data	all	main grid_io source for developing libraries	unmodified source from HSM@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/rain/	grid_io.c		2.1	.1	sme	SMDriver/Sources/rain/	1/1/2001
link_elm_wmm.c	app	ascii	.c		utility_data	all	functions to map SFWMM grid to ELM grid	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/rain/	link_elm_wmm.c		2.1	.1	sme	SMDriver/Sources/rain/	1/1/2001
rain_inp.c	app	ascii	.c		utility_data	all	main calling functions to map SFWMM rainfall to ELM	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/rain/	rain_inp.c		2.1	.1	sme	SMDriver/Sources/rain/	1/1/2001
BudgStats.c	app	ascii	.c		utility_driver	all	determines Basin/Indicator Region (B/IR) budgets, means, etc	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/UnitMod/	BudgStats.c		2.1	.1	sme	SMDriver/Sources/UnitMod/	1/1/2001
Driver_Uutilities.c	app	ascii	.c		utility_driver	all	defines multiple functions for Input/Output, calendar, etc.	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	Driver_Uutilities.c		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001
Generic_Driver.c	app	ascii	.c		utility_driver	all	main calling functions, time loop, etc.	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	Generic_Driver.c		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001
Serial.c	app	ascii	.c		utility_driver	all	various I/O related functions that vary from serial to parallel apps	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Tools/	Serial.c		2.1	.1	sme	SMDriver/Sources/Tools/	1/1/2001
Success.h	app	ascii	.h		dynamic_Calc	all	header for succession, or habitat switching	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	Success.h		2.1	.1	sme	SMDriver/Sources/SpatMod/	1/1/2001
UnitMod.h	app	ascii	.h		dynamic_Calc	all	header for unit (non-spatial) model and stats	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/UnitMod/	UnitMod.h		2.1	.1	sme	SMDriver/Sources/UnitMod/	1/1/2001
WatMgmt.h	app	ascii	.h		dynamic_Calc	all	header for surf&gw flows among canal vectors and cells	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpatMod/	WatMgmt.h		2.1	.1	sme	SMDriver/Sources/SpatMod/	1/1/2001
SpStat.h	app	ascii	.h		postprocess	all	header for post-processing of spatial output	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpStat/	SpStat.h		2.1	.1	sme	SMDriver/Sources/SpStat/	1/1/2001
Date.h	app	ascii	.h		utility_data	all	header for date functions in spatial post-processing	HSM@SFMWD cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/SpStat/	Date.h		2.1	.1	sme	SMDriver/Sources/SpStat/	1/1/2001
grid_io.h	app	ascii	.h		utility_data	all	header defs for main grid_io source for developing libraries	unmodified source from HSM@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/rain/	grid_io.h		2.1	.1	sme	SMDriver/Sources/rain/	1/1/2001
link_elm_wmm.h	app	ascii	.h		utility_data	all	header for functions to map SFWMM grid to ELM grid	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/rain/	link_elm_wmm.h		2.1	.1	sme	SMDriver/Sources/rain/	1/1/2001
custom.h	app	ascii	.h		utility_driver	all	header that #defines small number of system variables	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	custom.h		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001
globals.h	app	ascii	.h		utility_driver	all	header included in many/most sources, global scope	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	globals.h		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001
tools.h	app	ascii	.h		utility_driver	all	header defining misc functions that vary in serial vs. parallel app	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	tools.h		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001
Driver.make.Serial.Sun	app	ascii	make		utility_driver	all	make file for compiling/linking all ELM source code	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/SMDriver/Sources/Driver_Sources/	Driver.make.Serial.Sun		2.1	.1	sme	SMDriver/Sources/Driver_Source s/	1/1/2001

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File_name	I/O /app	File _type	Code _type	Data_type	Use	Project	General Description	Data_source or Contact	(map projections defined elsewhere) Map region	Data_step	Data InitDat	Data EndDat	Storage server	Storage_IP	(path assembled from base and remainder parts) Storage_path	File_name	File_size (Mb)	ELM version	version increment	Base type	Remainder_path	Updated
AnimDirMake	app	ascii	.sh		utility_data	all	shell script for creating new, empty animation output dirs	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	AnimDirMake		2.1	.1	sme	scripts/	1/1/2001
ArchiveRun	app	ascii	.sh		utility_data	all	shell script for archiving all output to various target file systems	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	ArchiveRun		2.1	.1	sme	scripts/	1/1/2001
rmAnim	app	ascii	.sh		utility_data	all	shell script for deleting unwanted animations (on hyades)	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	rmAnim		2.1	.1	sme	scripts/	1/1/2001
rmAnim_m2	app	ascii	.sh		utility_data	all	shell script for deleting unwanted animations (on m2)	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	rmAnim_m2		2.1	.1	sme	scripts/	1/1/2001
ArchiveSrc	app	ascii	.sh		utility_driver	all	shell script for archiving all source code to various target file systems	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	ArchiveSrc		2.1	.1	sme	scripts/	1/1/2001
build	app	ascii	.sh		utility_driver	all	shell script for invoking a build of ELM codes	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	build		2.1	.1	sme	scripts/	1/1/2001
Check	app	ascii	.sh		utility_driver	all	shell script for users' query of runtime data	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	Check		2.1	.1	sme	scripts/	1/1/2001
go	app	ascii	.sh		utility_driver	all	shell script for invoking a (plain, unarchived) ELM run	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	go		2.1	.1	sme	scripts/	1/1/2001
Run	app	ascii	.sh		utility_driver	all	shell script for running & archiving ELM w/ user options (on hyades)	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	Run		2.1	.1	sme	scripts/	1/1/2001
Runm2	app	ascii	.sh		utility_driver	all	shell script for running & archiving ELM w/ user options (on m2)	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	Runm2		2.1	.1	sme	scripts/	1/1/2001
ELM*.Serial	app	Solaris binary			executable	all	(single processor) unix executable for running ELM	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM*/Load/	ELM*.Serial		2.1	.1	sme	Projects/ELM*/Load/	1/1/2001
meteor.pts	in	ascii		location	definition	all	defines model cell locations and file names for hydrometeor data	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	meteor.pts		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
CanalData.chan	in	ascii		location&parm	definition	proj-specific	canal & levee locations and parameter definitions	various@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.chan		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
CanalData.struct	in	ascii		location&parm	definition	proj-specific	water control structure locations and parameter definitions	various@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.struct		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
basinlR	in	ascii		parameter	definition	proj-specific	Basin & Indicator Region (B/IR) inheritance definitions	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	basinlR		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
Driver.parm	in	ascii		parameter	definition	proj-specific	runtime parameters (start, end, run_modules, out_paths, etc.)	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM*/RunParms/	Driver.parm		2.1	.1	sme	Projects/ELM*/RunParms/	1/1/2001
GlobalParms	in	ascii		parameter	definition	all	model parameters that apply globally	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	GlobalParms		2.1	.1	sme	Projects/ELM/Data/	7/31/2002
HabParms	in	ascii		parameter	definition	all	model parameters that vary with habitat type	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HabParms		2.1	.1a	sme	Projects/ELM/Data/	7/31/2002
HabSwData	in	ascii		parameter	definition	all	model parameters that switch habitat type	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HabSwData		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
Model.outlist	in	ascii		parameter	definition	proj-specific	frequency and type of output for all model variables	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM*/RunParms/	Model.outlist		2.1	.1	sme	Projects/ELM*/RunParms/	1/1/2001
CanalData.struct_TP	in	ascii		time_series	forcing data	calibration	water control structure TP conc.	WWWalker; EMA@SFWMD		1 day	1/1/1979	12/31/1995	hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.struct_TP		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
CanalData.struct_wat	in	ascii		time_series	forcing data	calibration	water control structure flows	HSM@SFWMD		1 day	1/1/1979	12/31/1995	hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.struct_wat		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
CanalData.struct_wat	in	ascii		time_series	forcing data	proj-specific	water control structure flows	SFWMM output		1 day	1/1/1965	12/31/1995	hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.struct_wat		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
meteor_*.ts	in	ascii		time_series	forcing data	all	observations of air temp, dewPt temp, wind spd, cloudiness	HSM@SFWMD (Giddings)		1 day	1/1/1965	12/31/1995	hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	meteor_*.ts		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
basins	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	basins		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
basinSetVel	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	basinSetVel		2.1	.1	sme	Projects/ELM/Data/	1/1/2001

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BoundCond	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	BoundCond		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
Elevation	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	Elevation		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
HAB	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HAB		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
HydrCond	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HydrCond		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
icMult	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	icMult		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
icSfWat	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	icSfWat		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
icUnsat	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	icUnsat		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
modArea	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	modArea		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
soil_orgBD	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	soil_orgBD		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
soilBD	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	soilBD		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
soilTP	in	ascii		location	metadata	all	various attributes (#rows/cols, byte size...) for .BIN file	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	soilTP		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
CanalData.chan.info	in	ascii		location&parm	metadata	all	metadata describing CanalData.chan text file	various@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.chan.info		2.1	.1	sme	Projects/ELM/Data/	7/31/2002
CanalData.graph	in	ascii		parameter	UNUSED	proj-specific	defines schedules for water control structure operations	various@SFWMD					hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	CanalData.graph		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
OutStep	in	ascii		parameter	utility_driver	all	awk patterns for checking Model.outlist	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	OutStep		2.1	.1	sme	scripts/	1/1/2001
RunTime	in	ascii		parameter	utility_driver	all	awk patterns for checking Driver.parm	cfitz@sfwmd.gov					hyades	141.232.40.15	/vol/hy_ext/SME/scripts/	RunTime		2.1	.1	sme	scripts/	1/1/2001
Structs_attr	in	FMPPro4 binary		location&parm	create input file	all	water control structure locs & parameter definitions (creates CanalData.struct)	various@SFWMD					Fitz_mac	141.232.40.172	Chimera:Data:Hydro&Meteor:Canal/structs attribs:Structs:	Structs_attr		2.1	.1	macdata	Hydro&Meteor:Canal/structs attribs:Structs:	1/1/2001
HabParms.fmp	in	FMPPro4 binary		parameter	create input file	all	model parameters that vary with habitat type (creates HabParms)	cfitz@sfwmd.gov					Fitz_mac	141.232.40.172	Chimera:Data:Model parms:	HabParms.fmp		2.1	.1a	macdata	Model parms:	7/28/2002
basins.BIN	in	generic binary		location	definition	proj-specific	map of Basins & Indicator Regions (B/IRs)	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	basins.BIN		2.1	.1a	sme	Projects/ELM/Data/	1/1/2001
modArea.BIN	in	generic binary		location	definition	all	map of ELM domain	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	modArea.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
BoundCond.BIN	in	generic binary		location&parm	definition	all	map to determine boundary condition flow allowances	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	BoundCond.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
basinSetVel.BIN	in	generic binary		parameter	definition	all	map of settling velocities; only when in ESP (non-ecological) mode	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	basinSetVel.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
HydrCond.BIN	in	generic binary		parameter	definition	all	map to determine saturated hydraulic conductivity	modf fr. SFWMM input file; cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HydrCond.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
icMult.BIN	in	generic binary		parameter	Init Cond.	proj-specific	map used to spatially modify initial conditions of certain ecol. variables	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	icMult.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
Elevation.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial land surface elevation	modf fr. SFWMM input file; cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	Elevation.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
HAB.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial vegetative habitat types	cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	HAB.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001
icSfWat.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial ponded surface water depth	modf fr. SFWMM input file; cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	icSfWat.BIN		2.1	.1	sme	Projects/ELM/Data/	1/1/2001

Low level metadata for implementing ELM: includes all source code, scripts, input data required to run model; includes all (generic) paths and filenames of raw output data																						
Path and file names use unix glob constructs (wildcard chars): name* == nameXYZ and nameX*TT etc. The text "RUNAME" is replaced by a particular simulation run's name identifier; the text "VARNAME" is replaced by a model output variable's filename. Data type: time series= special case of a variable input; location is special case of (geographic) parameter input.																						
File_name	I/O _app	File _type	Code _type	Data_type	Use	Project	General Description	Data_source or Contact	(map projections defined elsewhere) Map region	Data_step	Data InitDat	Data EndDat	Storage server	Storage_IP	(path assembled from base and remainder parts) Storage_path	File_name	File_size (Mb)	ELM version	version increment	Base type	Remainder_path	Updated
icUnsat.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial depth of unsaturated zone	modf fr. SFWMM input file; cfitz@sfwmd.gov	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	<div>icUnsat.BIN</div>		<div>2.1</div>	.1	sme	Projects/ELM/Data/	1/1/2001
soil_orgBD.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial soil bulk density of organic component	modf fr. REMAP and Reddy;	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	<div>soil_orgBD.BIN</div>		<div>2.1</div>	.1	sme	Projects/ELM/Data/	1/1/2001
soilBD.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial soil bulk density (all components)	modf fr. REMAP and Reddy;	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	<div>soilBD.BIN</div>		<div>2.1</div>	.1	sme	Projects/ELM/Data/	1/1/2001
soilTP.BIN	in	generic binary		variable	Init Cond.	proj-specific	map to determine initial soil Total Phosphorus concentration	modf fr. REMAP and Reddy;	ELM				hyades	141.232.40.15	/vol/hy_ext/SME/Projects/ELM/Data/	<div>soilTP.BIN</div>		<div>2.1</div>	.1	sme	Projects/ELM/Data/	1/1/2001
reach*	in	GRASS binary		location	create input file	proj-specific	canal & levee locs (used, w/ GRASS script, in creating CanalData.chan)	various@SFWMD					hyades	141.232.40.15	/vol/hy_ext/gis/elmMaps/flaUTM/sfla/dig/	<div>reach*</div>		<div>2.1</div>	.1	gis	sfla/dig/	1/1/2001
rain65_95.dat	in	gridIO binary		time_series	forcing data	all	spatial data on rain observations at 2x2mile grid resolution	SFWMM input file	SFWM	1 day	1/1/1965	12/31/1995	hyades	141.232.40.15	/vol/hy_ext/sfwmm/input/	<div>rain65_95.dat</div>		<div>2.1</div>	.1	sfwmm	input/	1/1/2001
GlobalParms.xls	in	MSExcel binary		parameter	create input file	all	model parameters that apply globally (creates GlobalParms)	cfitz@sfwmd.gov					Fitz_mac	141.232.40.172	Chimera:Data:Model parms:	<div>GlobalParms.xls</div>		<div>2.1</div>	.1a	macdata	Model parms:	7/28/2002
*.RUNAME	out	*		various	archive	all	Frequently changed input data&code for RUNAME (by ArchiveRun script)	cfitz@sfwmd.gov					HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Input/	<div>*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Input/	1/1/2001
budg_P*.RUNAME	out	ascii		time_series	B/IR budget	all	Phosph. mass budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_P*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Par*.RUNAME	out	ascii		time_series	B/IR budget	all	Phosph. mass/area budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Par*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Pded*.RUNAME	out	ascii		time_series	B/IR budget	all	"Dead" Phosph. budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Pded*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Pliv*.RUNAME	out	ascii		time_series	B/IR budget	all	"Live" Phosph. budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Pliv*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Pwat*.RUNAME	out	ascii		time_series	B/IR budget	all	"Water-borne" Phosph. budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Pwat*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_S*.RUNAME	out	ascii		time_series	B/IR budget	all	Salt (tracer) budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_S*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Wacr*.RUNAME	out	ascii		time_series	B/IR budget	all	Hydrologic (acre-ft) budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Wacr*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
budg_Wcm*.RUNAME	out	ascii		time_series	B/IR budget	all	Hydrologic (cm depth) budget (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>budg_Wcm*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
IRavg*.RUNAME	out	ascii		time_series	B/IR descript.	all	Multiple variables' attributes in Indicator Regions (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Budget/	<div>IRavg*.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Budget/	1/1/2001
CanalOut.P.RUNAME	out	ascii		time_series	canal descript.	all	Canal TP concentrations (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>CanalOut.P.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
CanalOut.RUNAME	out	ascii		time_series	canal descript.	all	Canal stages (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>CanalOut.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
CanalOut.S.RUNAME	out	ascii		time_series	canal descript.	all	Canal Salt (tracer) concentrations (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>CanalOut.S.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
structsOut.P.RUNAME	out	ascii		time_series	canal descript.	all	Structure flow TP concentrations (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>structsOut.P.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
structsOut.RUNAME	out	ascii		time_series	canal descript.	all	Structure water flows (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>structsOut.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
structsOut.S.RUNAME	out	ascii		time_series	canal descript.	all	Structure flow Salt (tracer) concentrations (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Canal/	<div>structsOut.S.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Canal/	1/1/2001
Driver0.out.RUNAME	out	ascii		descript.	debug info	all	Debug for input data (by ArchiveRun script)	cfitz@sfwmd.gov					HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Debug/	<div>Driver0.out.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Debug/	1/1/2001
Driver1.out.RUNAME	out	ascii		descript.	debug info	all	Debug for output data (by ArchiveRun script)	cfitz@sfwmd.gov					HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/Debug/	<div>Driver1.out.RUNAME</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/Debug/	1/1/2001
VARNAME.pts	out	ascii		time_series	point descript.	proj-specific	User-specified (multiple) variables (by ArchiveRun script)	cfitz@sfwmd.gov		varia hle	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/PtSer/	<div>VARNAME.pts</div>		<div>2.1</div>	.1	arc_out	ELM*/RUNAME/PtSer/	1/1/2001

Low level metadata for implementing ELM:

includes all source code, scripts, input data required to run model; includes all (generic) paths and filenames of raw output data

Path and file names use unix glob constructs (wildcard chars): name* == nameXYZ and nameX*TT etc.

The text "RUNAME" is replaced by a particular simulation run's name identifier; the text "VARNAME" is replaced by a model output variable's filename.

Data type: time series= special case of a variable input; location is special case of (geographic) parameter input.

File_name	I/O /app	File _type	Code _type	Data_type	Use	Project	General Description	Data_source or Contact	(map projections defined elsewhere) Map region	Data_step	Data InitDat	Data EndDat	Storage server	Storage_IP	(path assembled from base and remainder parts) Storage_path	File_name	File_size (Mb)	ELM version	version increment	Base type	Remainder_path	Updated
Notes.RUNAME	out	ascii		definition	run info archive	all	User-created notes on RUNAME (by Run & ArchiveRun script)	cfitz@sfwmd.gov					HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/	Notes.RUNAME		2.1	.1	arc_out	ELM*/RUNAME/	1/1/2001
VARNAMEeyymmdd	out	generic binary		time_series	region descript.	proj-specific	User-specified (multiple) variables (multi files per var) (by ArchiveRun script)	cfitz@sfwmd.gov	ELM	variable	1/1/1965	12/31/1995	HA1-FS2	141.232.80.150	/b_erd/bb_elmmod/arc_out/ELM*/RUNAME/VARNAME.RUNAME/	VARNAMEeyymmdd		2.1	.1	arc_out	ELM*/RUNAME/VARNAME.RUNAME/	1/1/2001