FSnode

scope	resulttype	METHOD or VARIABLE	ARGUMENTS	Class-structure:					Required by:			
				FSnode	FSnode_local	FSnode_ftp	FSnode_dropbox	FSnode_git	FSfile	FSarchive	FSbrowser	FSmirror
global	mixed	()	?, ?, ?, ?	YES								
global	object *	new ()	?, ?, ?, ?	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	YES
DEFINED VARIABLES												
global		PREFIX	prefix	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		POSTFIX	postfix	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		ITTERATION	itteration	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		FAIL	fail	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		OPERATOR_OR	OR									YES
global		OPERATOR_AND	AND									YES
global		FSnode_*_URI_PREFIX	(string: '*:// *://')		YES	YES	YES					
global		FSnode_*_SCHEME	(string)		YES	YES	YES	YES				
global		FSnode_ALLOW_CODE_EXEC	(bool)	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		FSnode_EXTENSION_DIRECTO	(URI)	YES	*inherit*	*inherit*	*inherit*	*inherit*				
global		PHP_URL_SCHEME		*global*								
global		PHP_URL_HOST		*global*								
global		PHP_URL_PORT		*global*								
global		PHP_URL_USER		*global*								
global		PHP_URL_PASS		*global*								
global		PHP_URL_PATH		*global*								
global		PHP_URL_QUERY		*global*								
global		PHP_URL_FRAGMENT		*global*								
global		SCANDIR_SORT_ASCENDING		*global*								
global		SCANDIR_SORT_DESCENDING		*global*								
global		DIRECTORY_SEPARATOR		YES	YES	YES	YES	YES	YES		YES	YES
global		FILEINFO_MIME_TYPE		*global*								
OBJECT VARIABLES												
private	array	$ hooks		YES	*inherit*	*inherit*	*inherit*	*inherit*				
var	string	$ URI		YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
private	resource	$ ftp_stream				YES						
private	bool	$ authenticated				YES						
var	class FSnode_	$ fsnode							YES			

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				Class-structure:					**Required by:**			
private		$ _reverence										
var	string	$ label									YES	
var	class FSnode_	$ handler									YES	
var	class FSnode_	$ local										YES
var	class FSnode_	$ remote										YES
var	bool	$ ignore_switch										YES
var	array	$ preg_list										YES
var	bool	$ recursive										YES
var	array	$ log										YES
META DATA FUNCTIONS												
public	string	:: Version	(bool)	YES	YES	YES	YES	*inherit*	YES		YES	
public	string	:: Product_url	(bool)	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
public	string	:: Product	(bool)	YES	YES	YES	YES	*inherit*	YES		YES	
public	string	:: License	(bool)	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
public	string	:: License_url	-	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
public	string	:: Product_base	-	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
public	string	:: Product_file	(bool)	YES	*inherit*	*inherit*	*inherit*	*inherit*	YES		YES	
public	bool	:: AutoUpdate	-	YES	*inherit*	*inherit*						
INITIAL FUNCTIONS												
initial		:: FSnode	?, ?, ?, ?	YES	*inherit*	*inherit*						
private		:: _initialize	?, ?, ?, ?	UNDER CONSTRUCTION								
METHODS TESTING												
private	array	:: _allowed_methods	-	*as local*	YES	YES	NO				YES	
public	bool	:: method_exists	(string)	YES	*inherit*	*inherit*					YES + REQUIRED	
SERIALIZATION												
public	string	:: __toString	-	DUMMY	YES	DUMMY			YES			
HOOKS												
private	bool	:: _hook	(string) hook, (array) vars	YES	*inherit*	*inherit*						
public	bool	:: add_hook	(string) hook, (bool) auto load	YES	*inherit*	*inherit*						
EXTENSIONS												
public	bool	:: load_extension	(string)	YES	*inherit*	*inherit*					REQUIRED	

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public	bool	:: load_FSnode_extension	(string)	YES	inherit	inherit						
public	array	:: list_FSnode_extensions	-	YES	inherit	inherit						
	URI and URL HANDLING											
public	class FSnode_	:: URI_load	(string) URI, (bool) auto connect	YES	inherit	inherit					REQUIRED	REQUIRED
public	string | FALSE	:: get_FSnode_extension_by_URI	(string) URI	YES	inherit	inherit						
public	array	:: get_FSnode_hooks_by_URI	(string) URI	YES	inherit	inherit						
public	array	:: parse_url	url, component	YES	inherit	inherit					REQUIRED	
public	string	:: rebuild_url	(array) arguments	YES	inherit	inherit						
	FILESYSTEM HANDLER FUNCTIONS											
public	bool	:: chmod	filename, mode	as local	inherit	YES						SUGGESTED
public	bool	:: chgrp	filename, group	as local	inherit	DUMMY						
public	bool	:: chown	filename, user	as local	inherit	DUMMY						
public	bool	:: copy	source, dest	as local	inherit	YES						
public	float	:: disk_free_space	directory?	as local	inherit	DUMMY					LINE 138 REQUIRED	
public	float	:: disk_total_space	directory?	as local	inherit	DUMMY					LINE 138 REQUIRED	
public	bool	:: file_exists	filename	as local	inherit	YES					REQUIRED	REQUIRED
public	string	:: file_get_contents	filename	as local	inherit	ALIAS						
public	int	:: file_put_contents	filename, data, flags	as local	inherit	ALIAS						
public	array	:: file	filename, flags	as local	inherit	ALIAS						
public	int	:: fileatime	filename	as local	inherit	ALIAS					LINE 138 REQUIRED	
public	int	:: filectime	filename	as local	inherit	ALIAS					LINE 138 REQUIRED	
public	int	:: filegroup	filename	as local	inherit	UNDER CONSTRUCTION					REQUIRED	SUGGESTED
public	int	:: fileinode	filename	as local	inherit	DUMMY					LINE 138 REQUIRED	
public	int	:: filemtime	filename	as local	inherit	YES					REQUIRED	SUGGESTED
public	int	:: fileowner	filename	as local	inherit	UNDER CONSTRUCTION					REQUIRED	SUGGESTED
public	int	:: fileperms	filename	as local	inherit	UNDER CONSTRUCTION					REQUIRED	SUGGESTED
public	int	:: filesize	filename	as local	inherit	YES					REQUIRED	SUGGESTED
public	int	:: filetype	filename	as local	inherit	DUMMY						
public	bool	:: is_dir	filename	as local	inherit	UNDER CONSTRUCTION					REQUIRED	REQUIRED
public	bool	:: is_executable	filename	as local	inherit	UNDER CONSTRUCTION					LINE 138 REQ	SUGGESTED
public	bool	:: is_file	filename	as local	inherit	UNDER CONSTRUCTION					LINE 138 REQ	REQUIRED

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public	bool	:: is_link	filename	NO		UNDER CONSTRUCTION						
public	bool	:: is_readable	filename	as local	inherit	UNDER CONSTRUCTION					LINE 138 REQ	SUGGESTED
public	bool	:: is_uploaded_file	filename	NO								
public	bool	:: is_writable	filename	as local	inherit	UNDER CONSTRUCTION						SUGGESTED
public	bool	:: is_writeable	filename	ALIAS	inherit	ALIAS					LINE 138 REQUIRED	
public	bool	:: is_connected	-	DUMMY	YES	YES					REQUIRED	
public	bool	:: mkdir	pathname, mode, recursive	as local	inherit	YES						SUGGESTED
public	bool	:: rename	old, new	as local	inherit	YES						
public	bool	:: rmdir	dirname	as local	inherit	YES						REQUIRED
public	array	:: stat	filename	as local	inherit	DUMMY					LINE 138 REQUIRED	
public	bool	:: touch	filename, time, atime	as local	inherit	UNDER CONSTRUCTION						SUGGESTED
public	bool	:: unlink	filename	as local	inherit	ALIAS						REQUIRED
DIRECTORY HANDLER FUNCTIONS												
public	array	:: scandir	directory, sorting order	as local	inherit	YES					REQUIRED	YES + REQUIRED
public	string	:: realpath	filename	as local	inherit	YES					REQUIRED	
public	string	:: realpath_URI	filename	as local	inherit	inherit					REQUIRED	
public	string	:: relativepath	URI	as local	inherit	inherit					REQUIRED	
	string	:: _filename_attach_prefix	filename	as local	inherit	inherit						
GENERIC HANDLER FUNCTIONS (including support for HOOKS)												
public	bool	:: close	-	as local	inherit	YES			YES			YES
public	bool	:: connect	?, ?, ?, ?, timeout, secure	as local	inherit	YES			YES		YES + REQUIR	YES
public	string	:: read	filename	as local	inherit	YES			UNDER CONSTRUCTION + REQUIRED			REQUIRED
public	int	:: write	filename, data	as local	inherit	YES			UNDER CONSTRUCTION + REQUIRED			REQUIRED
public	class FSfile	:: get	filename	as local	inherit	inherit						
public	bool	:: put	(object), filename	as local	inherit	inherit						
public	bool	:: delete	filename	as local	inherit	YES						
public	array	:: scan	directory, sorting order	as local	inherit	ALIAS						
public	mixed	:: execute	line	as local	inherit	NO						
public	bool	:: refresh	tag?	as local	inherit	NO						
public	string	:: mime_content_type	filename	as local	inherit	inherit					REQUIRED	
public	bool	:: open	URI, refesh	NO					YES			
public	int	:: save	as	NO					YES			
GLOBAL FUNCTIONS												
global	octal	:: rights2fileperms	rights	YES	inherit	inherit						

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global	string	:: fileperms2rights	perms	YES	*inherit*	*inherit*							
EXPERIMENTAL and ASSISTING FUNCTIONS													
private	bool	:: _perms_analyse		NO	NO	YES							
	mixed	:: rawlist		NO	NO	YES				LINE 138 REQUIRED			
HIGHER LEVEL OBJECT FUNCTIONS													
		:: getURI_by_SESSION_and_PREFIX									YES		
		:: build									YES		
		:: build_label									YES		
		:: build_connect									YES		
		:: build_URI_info									YES		
private		:: _bool_toString									YES		
private		:: _humanizeFileSize									YES		
public		:: ignore										YES	
		:: get_local										YES	
		:: get_remote										YES	
private		:: _push_or_pull										YES	
		:: push										YES	
		:: pull										YES	
		:: sync										YES	
		:: compare										YES	
private		:: _generate_filename										YES	
private		:: _preg_array_match										YES	