

Amanu

Generated by Doxygen 1.8.9.1

Sun Jun 14 2015 21:07:48



# Contents

<b>1</b>	<b>Data Structure Documentation</b>	<b>1</b>
1.1	acceptance Class Reference	1
1.1.1	Member Function Documentation	1
1.1.1.1	get	1
1.1.1.2	post	1
1.1.1.3	delete	1
1.1.1.4	getAcceptanceList	1
1.1.1.5	getAcceptance	2
1.1.1.6	createAcceptance	3
1.1.1.7	modifyAcceptance	3
1.1.1.8	deleteAcceptance	3
1.2	AmaClient Class Reference	3
1.2.1	Detailed Description	3
1.2.2	Constructor & Destructor Documentation	3
1.2.2.1	__construct	3
1.2.3	Member Function Documentation	4
1.2.3.1	get	4
1.3	amaException Class Reference	4
1.3.1	Detailed Description	4
1.3.2	Constructor & Destructor Documentation	4
1.3.2.1	__construct	4
1.3.3	Member Function Documentation	5
1.3.3.1	renderScripttag	5
1.3.3.2	renderJSONError	5
1.3.3.3	getJSON	5
1.3.3.4	getData	5
1.3.3.5	setHeaders	5
1.4	Amaltem Class Reference	5
1.4.1	Detailed Description	6
1.4.2	Constructor & Destructor Documentation	6
1.4.2.1	__construct	6

1.4.3	Member Function Documentation	6
1.4.3.1	calcPrizes	6
1.4.3.2	calcTimeFor	6
1.4.3.3	get	7
1.5	AmaltemList Class Reference	7
1.5.1	Detailed Description	7
1.5.2	Constructor & Destructor Documentation	7
1.5.2.1	__construct	7
1.6	AmaMail Class Reference	8
1.6.1	Detailed Description	8
1.6.2	Constructor & Destructor Documentation	8
1.6.2.1	__construct	8
1.6.3	Member Function Documentation	8
1.6.3.1	setContent	8
1.6.3.2	addAttachment	9
1.6.3.3	getPreview	9
1.6.3.4	send	9
1.6.3.5	html2text	9
1.6.3.6	charset_decode_utf_8	9
1.7	AmaMailDoc Class Reference	10
1.7.1	Detailed Description	10
1.7.2	Constructor & Destructor Documentation	10
1.7.2.1	__construct	10
1.7.3	Member Function Documentation	11
1.7.3.1	getPreview	11
1.7.3.2	send	11
1.7.3.3	getInfo	11
1.7.3.4	getRecipient	11
1.7.3.5	getAttachments	11
1.7.3.6	getContent	12
1.7.3.7	getSubject	12
1.8	AmaProject Class Reference	12
1.8.1	Detailed Description	12
1.8.2	Constructor & Destructor Documentation	13
1.8.2.1	__construct	13
1.8.3	Member Function Documentation	13
1.8.3.1	getProjectData	13
1.8.3.2	getClient	13
1.8.3.3	getOffers	13
1.8.3.4	getContracts	13

1.8.3.5	<a href="#">getFileContracts</a>	13
1.8.3.6	<a href="#">getTodos</a>	13
1.8.3.7	<a href="#">getAcceptances</a>	14
1.8.3.8	<a href="#">getInvoices</a>	14
1.8.3.9	<a href="#">getEstimatedProjectWorths</a>	14
1.9	<a href="#">AmaSession Class Reference</a>	14
1.9.1	<a href="#">Detailed Description</a>	14
1.9.2	<a href="#">Member Function Documentation</a>	14
1.9.2.1	<a href="#">start</a>	14
1.9.2.2	<a href="#">set</a>	14
1.9.2.3	<a href="#">get</a>	15
1.9.2.4	<a href="#">destroy</a>	15
1.10	<a href="#">AmaStream Class Reference</a>	15
1.10.1	<a href="#">Detailed Description</a>	16
1.10.2	<a href="#">Constructor &amp; Destructor Documentation</a>	16
1.10.2.1	<a href="#">__construct</a>	16
1.10.3	<a href="#">Member Function Documentation</a>	16
1.10.3.1	<a href="#">getInstance</a>	16
1.10.3.2	<a href="#">__clone</a>	16
1.10.3.3	<a href="#">addItem</a>	16
1.10.3.4	<a href="#">getStream</a>	16
1.10.3.5	<a href="#">cleanUpOld</a>	17
1.10.4	<a href="#">Field Documentation</a>	17
1.10.4.1	<a href="#">\$instance</a>	17
1.11	<a href="#">amaTemplate Class Reference</a>	17
1.11.1	<a href="#">Detailed Description</a>	17
1.11.2	<a href="#">Constructor &amp; Destructor Documentation</a>	17
1.11.2.1	<a href="#">__construct</a>	17
1.11.3	<a href="#">Member Function Documentation</a>	17
1.11.3.1	<a href="#">getHTML</a>	17
1.12	<a href="#">apps Class Reference</a>	18
1.12.1	<a href="#">Member Function Documentation</a>	19
1.12.1.1	<a href="#">get</a>	19
1.12.1.2	<a href="#">getBrowser</a>	19
1.13	<a href="#">Authenticator Class Reference</a>	19
1.13.1	<a href="#">Detailed Description</a>	19
1.13.2	<a href="#">Member Function Documentation</a>	20
1.13.2.1	<a href="#">login</a>	20
1.13.2.2	<a href="#">logout</a>	21
1.13.2.3	<a href="#">getUser</a>	21

1.13.2.4	isLoggedin	21
1.13.2.5	onlyFor	21
1.13.2.6	getToken	21
1.14	bulk Class Reference	22
1.14.1	Member Function Documentation	22
1.14.1.1	post	22
1.14.1.2	bulkUpdate	22
1.14.1.3	bulkOrder	22
1.15	client Class Reference	22
1.15.1	Member Function Documentation	23
1.15.1.1	get	23
1.15.1.2	post	23
1.15.1.3	delete	23
1.15.1.4	getClientList	23
1.15.1.5	getClient	23
1.15.1.6	addClient	23
1.15.1.7	updateClient	23
1.16	client_categories Class Reference	23
1.16.1	Member Function Documentation	24
1.16.1.1	get	24
1.16.1.2	post	24
1.16.1.3	delete	24
1.16.1.4	createCategory	24
1.16.1.5	updateCategory	24
1.16.1.6	createCategoryLink	24
1.16.1.7	deleteCategory	24
1.16.1.8	deleteCategoryLink	24
1.17	client_data Class Reference	25
1.17.1	Member Function Documentation	25
1.17.1.1	post	25
1.17.1.2	delete	25
1.17.1.3	createData	25
1.17.1.4	modifyData	25
1.17.1.5	deleteData	25
1.18	Config Class Reference	26
1.18.1	Detailed Description	26
1.18.2	Constructor & Destructor Documentation	26
1.18.2.1	__construct	26
1.18.3	Member Function Documentation	26
1.18.3.1	getInstance	26

1.18.3.2	<code>__clone</code>	27
1.18.3.3	<code>readConfigFile</code>	27
1.18.3.4	<code>save</code>	27
1.18.3.5	<code>getUrl</code>	27
1.18.4	Field Documentation	27
1.18.4.1	<code>\$instance</code>	27
1.18.4.2	<code>\$filename</code>	27
1.19	<code>contract</code> Class Reference	27
1.19.1	Member Function Documentation	28
1.19.1.1	<code>get</code>	28
1.19.1.2	<code>post</code>	28
1.19.1.3	<code>delete</code>	28
1.19.1.4	<code>getContractList</code>	28
1.19.1.5	<code>getContract</code>	28
1.19.1.6	<code>createContract</code>	28
1.19.1.7	<code>modifyContract</code>	28
1.19.1.8	<code>deleteContract</code>	28
1.20	<code>crx</code> Class Reference	29
1.20.1	Member Function Documentation	29
1.20.1.1	<code>get</code>	29
1.21	<code>CrxBuild</code> Class Reference	29
1.21.1	Detailed Description	30
1.21.2	Constructor & Destructor Documentation	30
1.21.2.1	<code>__construct</code>	30
1.21.3	Member Function Documentation	30
1.21.3.1	<code>checkRequirements</code>	30
1.21.3.2	<code>_setOptions</code>	30
1.21.3.3	<code>zip</code>	30
1.21.3.4	<code>getPublicDerKey</code>	30
1.21.3.5	<code>_readPrivateKey</code>	30
1.21.3.6	<code>build</code>	30
1.21.4	Field Documentation	30
1.21.4.1	<code>CRX_FORMAT_VERSION</code>	30
1.21.4.2	<code>\$_privateKey</code>	30
1.21.4.3	<code>\$_privateKeyDetails</code>	30
1.21.4.4	<code>\$_crxName</code>	30
1.22	<code>DBAL</code> Class Reference	30
1.22.1	Detailed Description	31
1.22.2	Constructor & Destructor Documentation	31
1.22.2.1	<code>__construct</code>	31

1.22.3	Member Function Documentation	31
1.22.3.1	getInstance	31
1.22.3.2	__clone	31
1.22.3.3	prepare	31
1.22.3.4	dynamicInsert	32
1.22.3.5	dynamicUpdate	32
1.22.3.6	deleteRow	32
1.22.3.7	simpleSelect	32
1.22.4	Field Documentation	33
1.22.4.1	\$instance	33
1.23	fileContract Class Reference	33
1.23.1	Member Function Documentation	33
1.23.1.1	get	33
1.23.1.2	post	33
1.23.1.3	delete	34
1.23.1.4	getFileContractList	34
1.23.1.5	getFileContract	34
1.23.1.6	createFileContract	34
1.23.1.7	modifyFileContract	34
1.23.1.8	uploadfile	34
1.23.1.9	deleteFileContract	34
1.23.1.10	human_filesize	34
1.24	helloWorld Class Reference	35
1.24.1	Member Function Documentation	35
1.24.1.1	get	35
1.24.1.2	post	35
1.24.1.3	delete	35
1.25	invoice Class Reference	35
1.25.1	Member Function Documentation	36
1.25.1.1	get	36
1.25.1.2	post	36
1.25.1.3	delete	36
1.25.1.4	getInvoiceList	36
1.25.1.5	getInvoice	36
1.25.1.6	createInvoice	36
1.25.1.7	modifyInvoice	36
1.25.1.8	deleteInvoice	36
1.26	item Class Reference	36
1.26.1	Member Function Documentation	37
1.26.1.1	get	37



1.26.1.2	post	37
1.26.1.3	delete	37
1.26.1.4	getItemList	37
1.26.1.5	getItem	37
1.26.1.6	createItem	37
1.26.1.7	modifyItem	37
1.26.1.8	deleteItem	37
1.26.1.9	getItemsOf	38
1.27	item_connection Class Reference	38
1.27.1	Member Function Documentation	38
1.27.1.1	get	38
1.27.1.2	getItemConnection	38
1.27.1.3	getAvailableItems	38
1.28	item_preset Class Reference	39
1.28.1	Member Function Documentation	39
1.28.1.1	get	39
1.28.1.2	post	39
1.28.1.3	delete	39
1.28.1.4	getItemPresetList	39
1.28.1.5	getItemPreset	39
1.28.1.6	createItemPreset	39
1.28.1.7	modifyItemPreset	39
1.28.1.8	deleteItemPreset	40
1.29	login Class Reference	41
1.29.1	Member Function Documentation	41
1.29.1.1	get	41
1.29.1.2	post	41
1.30	logout Class Reference	41
1.30.1	Member Function Documentation	41
1.30.1.1	get	41
1.31	mail Class Reference	41
1.31.1	Member Function Documentation	42
1.31.1.1	get	42
1.31.1.2	post	42
1.31.1.3	startsWith	42
1.31.1.4	endsWith	42
1.32	offer Class Reference	42
1.32.1	Member Function Documentation	43
1.32.1.1	get	43
1.32.1.2	post	43

1.32.1.3	delete	43
1.32.1.4	getOfferList	43
1.32.1.5	getOffer	43
1.32.1.6	createOffer	43
1.32.1.7	modifyOffer	43
1.32.1.8	deleteOffer	43
1.33	PDF Class Reference	44
1.33.1	Detailed Description	44
1.33.2	Constructor & Destructor Documentation	44
1.33.2.1	__construct	44
1.33.3	Member Function Documentation	44
1.33.3.1	setHTML	44
1.33.3.2	loadFile	44
1.33.3.3	stream	45
1.33.3.4	saveToDisk	45
1.34	PdfDoc Class Reference	45
1.34.1	Detailed Description	45
1.34.2	Constructor & Destructor Documentation	46
1.34.2.1	__construct	46
1.34.3	Member Function Documentation	46
1.34.3.1	streamPreview	46
1.34.3.2	saveToDisk	46
1.34.3.3	getInfo	46
1.34.3.4	getItems	46
1.34.3.5	updateState	46
1.34.3.6	generatePath	47
1.34.3.7	generateFilename	47
1.34.3.8	generateHTML	47
1.34.3.9	calcDueDate	47
1.35	pdfgen Class Reference	47
1.35.1	Member Function Documentation	48
1.35.1.1	get	48
1.35.1.2	post	48
1.36	project Class Reference	48
1.36.1	Member Function Documentation	48
1.36.1.1	get	48
1.36.1.2	post	48
1.36.1.3	delete	48
1.36.1.4	getProjectList	48
1.36.1.5	getProject	48

1.36.1.6	<a href="#">createProject</a>	49
1.36.1.7	<a href="#">modifyProject</a>	49
1.36.1.8	<a href="#">deleteProject</a>	49
1.36.1.9	<a href="#">process</a>	49
1.37	<a href="#">protectedpdf Class Reference</a>	49
1.37.1	<a href="#">Member Function Documentation</a>	49
1.37.1.1	<a href="#">get</a>	49
1.37.1.2	<a href="#">startsWith</a>	50
1.37.1.3	<a href="#">endsWith</a>	51
1.38	<a href="#">refnumber Class Reference</a>	51
1.38.1	<a href="#">Member Function Documentation</a>	51
1.38.1.1	<a href="#">get</a>	51
1.39	<a href="#">reminder Class Reference</a>	51
1.39.1	<a href="#">Member Function Documentation</a>	52
1.39.1.1	<a href="#">get</a>	52
1.39.1.2	<a href="#">post</a>	52
1.39.1.3	<a href="#">delete</a>	52
1.39.1.4	<a href="#">getReminderList</a>	52
1.39.1.5	<a href="#">getReminder</a>	52
1.39.1.6	<a href="#">createReminder</a>	52
1.39.1.7	<a href="#">modifyReminder</a>	52
1.39.1.8	<a href="#">deleteReminder</a>	52
1.40	<a href="#">Sani Class Reference</a>	53
1.40.1	<a href="#">Detailed Description</a>	53
1.40.2	<a href="#">Member Function Documentation</a>	53
1.40.2.1	<a href="#">email</a>	53
1.40.2.2	<a href="#">validString</a>	53
1.40.2.3	<a href="#">options</a>	54
1.41	<a href="#">ScriptByTemplate Class Reference</a>	54
1.41.1	<a href="#">Detailed Description</a>	54
1.41.2	<a href="#">Constructor &amp; Destructor Documentation</a>	55
1.41.2.1	<a href="#">__construct</a>	55
1.41.3	<a href="#">Member Function Documentation</a>	55
1.41.3.1	<a href="#">render</a>	55
1.41.3.2	<a href="#">replaceMarkers</a>	55
1.42	<a href="#">ScriptLoader Class Reference</a>	55
1.42.1	<a href="#">Detailed Description</a>	56
1.42.2	<a href="#">Member Function Documentation</a>	56
1.42.2.1	<a href="#">echoScripts</a>	56
1.42.2.2	<a href="#">echoAllScripts</a>	56

1.42.2.3	<a href="#">echoCompressedScripts</a>	56
1.42.2.4	<a href="#">renderScriptsByTemplate</a>	56
1.42.2.5	<a href="#">getScriptsByTemplate</a>	56
1.42.2.6	<a href="#">cacheCompressCss</a>	57
1.42.2.7	<a href="#">cacheCompressJs</a>	57
1.43	<a href="#">Scripts Class Reference</a>	57
1.43.1	<a href="#">Detailed Description</a>	57
1.43.2	<a href="#">Field Documentation</a>	57
1.43.2.1	<a href="#">\$libs</a>	57
1.43.2.2	<a href="#">\$byTemplate</a>	58
1.43.2.3	<a href="#">\$scripts</a>	58
1.43.2.4	<a href="#">\$css</a>	58
1.44	<a href="#">settings Class Reference</a>	58
1.44.1	<a href="#">Member Function Documentation</a>	58
1.44.1.1	<a href="#">get</a>	58
1.44.1.2	<a href="#">post</a>	59
1.45	<a href="#">stream Class Reference</a>	59
1.45.1	<a href="#">Member Function Documentation</a>	59
1.45.1.1	<a href="#">get</a>	59
1.46	<a href="#">test Class Reference</a>	59
1.46.1	<a href="#">Member Function Documentation</a>	59
1.46.1.1	<a href="#">get</a>	59
1.46.1.2	<a href="#">post</a>	59
1.46.1.3	<a href="#">delete</a>	59
1.47	<a href="#">time Class Reference</a>	60
1.47.1	<a href="#">Member Function Documentation</a>	60
1.47.1.1	<a href="#">get</a>	60
1.47.1.2	<a href="#">post</a>	60
1.47.1.3	<a href="#">delete</a>	60
1.47.1.4	<a href="#">getTimeList</a>	60
1.47.1.5	<a href="#">getTimeFor</a>	60
1.47.1.6	<a href="#">getTime</a>	60
1.47.1.7	<a href="#">createTime</a>	61
1.47.1.8	<a href="#">modifyTime</a>	61
1.47.1.9	<a href="#">deleteTime</a>	61
1.48	<a href="#">todo Class Reference</a>	61
1.48.1	<a href="#">Member Function Documentation</a>	61
1.48.1.1	<a href="#">get</a>	61
1.48.1.2	<a href="#">post</a>	61
1.48.1.3	<a href="#">delete</a>	61

1.48.1.4	<a href="#">getTodoList</a>	62
1.48.1.5	<a href="#">getTodo</a>	62
1.48.1.6	<a href="#">createTodo</a>	62
1.48.1.7	<a href="#">modifyTodo</a>	62
1.48.1.8	<a href="#">deleteTodo</a>	62
1.49	<a href="#">User Class Reference</a>	62
1.49.1	<a href="#">Detailed Description</a>	63
1.49.2	<a href="#">Constructor &amp; Destructor Documentation</a>	63
1.49.2.1	<a href="#">__construct</a>	63
1.49.3	<a href="#">Member Function Documentation</a>	63
1.49.3.1	<a href="#">get</a>	63
1.49.3.2	<a href="#">setEmail</a>	63
1.49.3.3	<a href="#">setUsername</a>	64
1.49.3.4	<a href="#">setAccessgroup</a>	64
1.49.3.5	<a href="#">setPassword</a>	64
1.49.3.6	<a href="#">setLastFailedLoginAttempt</a>	64
1.49.3.7	<a href="#">sendNotification</a>	64
1.49.3.8	<a href="#">userdataByMail</a>	64
1.50	<a href="#">userdata Class Reference</a>	65
1.50.1	<a href="#">Member Function Documentation</a>	65
1.50.1.1	<a href="#">get</a>	65
1.50.1.2	<a href="#">post</a>	65
1.50.1.3	<a href="#">delete</a>	65
1.50.1.4	<a href="#">getUserList</a>	65
1.50.1.5	<a href="#">createUser</a>	65
1.50.1.6	<a href="#">updateUser</a>	65
<b>2</b>	<b><a href="#">File Documentation</a></b>	<b>67</b>
2.1	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/acceptance.php File Reference</a>	67
2.2	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/apps.php File Reference</a>	67
2.3	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/bulk.php File Reference</a>	67
2.4	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client.php File Reference</a>	67
2.5	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client_categories.php File Reference</a>	67
2.6	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client_data.php File Reference</a>	68
2.7	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/contract.php File Reference</a>	68
2.8	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/crx.php File Reference</a>	68
2.9	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/fileContract.php File Reference</a>	68
2.10	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/helloWorld.php File Reference</a>	68
2.11	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/invoice.php File Reference</a>	68
2.12	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item.php File Reference</a>	68

2.13	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item_connection.php File Reference . . .	69
2.14	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item_preset.php File Reference . . . . .	69
2.15	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/login.php File Reference . . . . .	69
2.16	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/logout.php File Reference . . . . .	69
2.17	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/mail.php File Reference . . . . .	69
2.18	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/offer.php File Reference . . . . .	69
2.19	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/pdfgen.php File Reference . . . . .	69
2.20	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/project.php File Reference . . . . .	70
2.21	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/protectedpdf.php File Reference . . . . .	70
2.22	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/refnumber.php File Reference . . . . .	70
2.23	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/reminder.php File Reference . . . . .	70
2.24	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/settings.php File Reference . . . . .	70
2.25	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/stream.php File Reference . . . . .	70
2.26	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/test.php File Reference . . . . .	70
2.27	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/time.php File Reference . . . . .	71
2.28	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/todo.php File Reference . . . . .	71
2.29	D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/userdata.php File Reference . . . . .	71
2.30	D:/Arbeit/PhpStormProjects/amanuensis/app/api/cronjob.php File Reference . . . . .	71
2.30.1	Function Documentation . . . . .	71
2.30.1.1	catchAll . . . . .	71
2.30.1.2	pushEvent . . . . .	72
2.30.1.3	isPast . . . . .	72
2.30.1.4	getState . . . . .	72
2.30.1.5	getLink . . . . .	72
2.30.2	Variable Documentation . . . . .	72
2.30.2.1	\$start . . . . .	72
2.30.2.2	\$events . . . . .	72
2.30.2.3	\$dbal . . . . .	73
2.30.2.4	\$q . . . . .	73
2.30.2.5	\$projectArchived . . . . .	73
2.30.2.6	\$projectids . . . . .	73
2.30.2.7	\$stream . . . . .	73
2.30.2.8	\$x . . . . .	73
2.31	D:/Arbeit/PhpStormProjects/amanuensis/app/api/ffmanifest.php File Reference . . . . .	73
2.31.1	Variable Documentation . . . . .	73
2.31.1.1	\$conf . . . . .	73
2.31.1.2	\$manifest . . . . .	73
2.32	D:/Arbeit/PhpStormProjects/amanuensis/app/api/index.php File Reference . . . . .	74
2.32.1	Function Documentation . . . . .	74
2.32.1.1	catchAll . . . . .	74

2.32.1.2	<a href="#">json_response</a>	74
2.32.2	<a href="#">Variable Documentation</a>	74
2.32.2.1	<a href="#">\$conf</a>	74
2.32.2.2	<a href="#">\$method</a>	74
2.32.2.3	<a href="#">else</a>	74
2.32.2.4	<a href="#">\$includefile</a>	74
2.32.2.5	<a href="#">\$thisisamanu</a>	74
2.32.2.6	<a href="#">\$callarray</a>	74
2.32.2.7	<a href="#">\$arguments</a>	75
2.33	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/amaSession.php File Reference</a>	75
2.34	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/authenticator.php File Reference</a>	75
2.35	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/user.php File Reference</a>	75
2.36	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/config/config.php File Reference</a>	75
2.37	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/crxgen/CrxBuild.php File Reference</a>	75
2.38	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/dbal.php File Reference</a>	75
2.39	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/sani.php File Reference</a>	76
2.40	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/state_constants.php File Reference</a>	76
2.40.1	<a href="#">Variable Documentation</a>	76
2.40.1.1	<a href="#">PROJECT_CREATED</a>	76
2.40.1.2	<a href="#">PROJECT_WAITING</a>	77
2.40.1.3	<a href="#">PROJECT_TODO</a>	77
2.40.1.4	<a href="#">PROJECT_WAITING_OVERDUE</a>	77
2.40.1.5	<a href="#">PROJECT_TODO_OVERDUE</a>	77
2.40.1.6	<a href="#">PROJECT_FINISHED</a>	77
2.40.1.7	<a href="#">PROJECT_ARCHIVED</a>	77
2.40.1.8	<a href="#">CREATED</a>	77
2.40.1.9	<a href="#">PDF_GENERATED</a>	77
2.40.1.10	<a href="#">PDF_SENT</a>	77
2.40.1.11	<a href="#">CLIENT_ACCEPTED</a>	77
2.40.1.12	<a href="#">CLIENT_DECLINED</a>	77
2.40.1.13	<a href="#">INVOICE_PAID</a>	77
2.40.1.14	<a href="#">INVOICE_OVERDUE</a>	77
2.40.1.15	<a href="#">INVOICE_OVERDUE_REMINDER_CREATED</a>	77
2.40.1.16	<a href="#">TODO_TODO</a>	77
2.40.1.17	<a href="#">TODO_FINISHED</a>	77
2.40.1.18	<a href="#">TODO_OVERDUE</a>	77
2.41	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/errorhandling/amaException.php File Reference</a>	77
2.42	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/amaMail.php File Reference</a>	77
2.43	<a href="#">D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/amaMailDoc.php File Reference</a>	78

2.44	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/amaTemplate.php File Reference . . . . .	78
2.45	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/pdf.php File Reference . . . . .	78
2.46	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/pdfDoc.php File Reference . . . . .	78
2.47	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaClient.php File Reference . . . . .	78
2.48	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaItem.php File Reference . . . . .	78
2.49	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaItemList.php File Reference . . . . .	79
2.50	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaProject.php File Reference . . . . .	79
2.51	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaStream.php File Reference . . . . .	79
2.52	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scrighthandling/scriptByTemplate.php File Reference . . . . .	79
2.53	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scrighthandling/scriptLoader.php File Reference . . . . .	79
2.54	D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scrighthandling/scripts.php File Reference . . . . .	79

## Index

81



# Chapter 1

## Data Structure Documentation

### 1.1 acceptance Class Reference

#### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

#### Static Private Member Functions

- static [getAcceptanceList](#) ()
- static [getAcceptance](#) (\$id)
- static [createAcceptance](#) ()
- static [modifyAcceptance](#) ()
- static [deleteAcceptance](#) (\$\_DELETE)

#### 1.1.1 Member Function Documentation

##### 1.1.1.1 static [get](#) ( ) [static]

This method reacts to GET Requests

##### 1.1.1.2 static [post](#) ( ) [static]

This methods reacts to POST Requests

##### 1.1.1.3 static [delete](#) ( *\$\_DELETE* ) [static]

This methods reacts to DELETE Requests

##### 1.1.1.4 static [getAcceptanceList](#) ( ) [static],[private]

Gets a list of all Acceptances

1.1.1.5 `static getAcceptance ( $id ) [static],[private]`

Gets a single Acceptance

## Parameters

<i>\$id</i>	- the id of the Acceptance to get
-------------	-----------------------------------

1.1.1.6 `static createAcceptance ( ) [static],[private]`

creates a new Acceptance

1.1.1.7 `static modifyAcceptance ( ) [static],[private]`

modifies a Acceptance

1.1.1.8 `static deleteAcceptance ( $DELETE ) [static],[private]`

deletes a Acceptance

## Parameters

<i>\$DELETE</i>	
-----------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[acceptance.php](#)

## 1.2 AmaClient Class Reference

### Public Member Functions

- [\\_\\_construct](#) (*\$id*)
- [get](#) ()

### 1.2.1 Detailed Description

Gathers all info representing a client

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.2.2 Constructor & Destructor Documentation

1.2.2.1 `__construct ( $id )`

Gathers the info for the client with the given id

## Parameters

<i>\$id</i>	- the id of the client to get
-------------	-------------------------------

## Exceptions

<i>Exception</i>	
------------------	--

## 1.2.3 Member Function Documentation

### 1.2.3.1 get ( )

Gets the array representation of the Client

## Returns

array

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/[amaClient.php](#)

## 1.3 amaException Class Reference

### Public Member Functions

- [\\_\\_construct](#) (Exception *\$e*=NULL, *\$code*=NULL, *\$message*=NULL, *\$languagestring*=NULL)
- [renderScripttag](#) ()
- [renderJSONerror](#) ()
- [getJSON](#) ()
- [setHeaders](#) (\$dontdie=false)

### Private Member Functions

- [getData](#) ()

### 1.3.1 Detailed Description

This error takes an Exception and processes it, allows JSON exception output

This file is part of the project codename "AMANUENSIS"

## Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

## Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.3.2 Constructor & Destructor Documentation

#### 1.3.2.1 \_\_construct ( Exception *\$e* = NULL, *\$code* = NULL, *\$message* = NULL, *\$languagestring* = NULL )

When the Error is constructed, it will process the exception

## Parameters

Exception	<i>\$e</i>	- an Exception that shall be processed, optional if \$message and \$code are given
int	<i>\$code</i>	- an error code, can override the one from the exception
string	<i>\$message</i>	- an Error Message, can override the one from the exception

## 1.3.3 Member Function Documentation

## 1.3.3.1 renderScripttag ( )

Renders the Errordata in a script tag for [index.php](#) output

## 1.3.3.2 renderJSONError ( )

Renders an API Response with the error

## Returns

string - a json object containing an error

## 1.3.3.3 getJSON ( )

Gets the json encoded data of the error

## Returns

string - JSON representation of the error

## 1.3.3.4 getData ( ) [private]

Gets an array containing the data

## Returns

array - the object representing the error

## 1.3.3.5 setHeaders ( \$dontdie = false )

Sets HTTP error headers

## Parameters

boolean	<i>\$dontdie</i>	- most of the time we want to finish after an error. If we don't, pass true
---------	------------------	---

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/errorhandling/[amaException.php](#)

## 1.4 Amaltem Class Reference

## Public Member Functions

- [\\_\\_construct](#) (\$id=NULL, \$entry=NULL, \$client=NULL, \$ispreset=false)
- [get](#) ()

## Private Member Functions

- [calcPrizes](#) (\$entry, \$client=NULL)
- [calcTimeFor](#) (\$id)

### 1.4.1 Detailed Description

Gets data of an item with a given id and/or does some nice item calculation regarding price and time, if data is already present

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.4.2 Constructor & Destructor Documentation

#### 1.4.2.1 \_\_construct ( \$id = NULL, \$entry = NULL, \$client = NULL, \$ispreset = false )

##### Parameters

mixed	<i>\$id</i>	- the id of the item to get, if NULL, an \$entry must be given
mixed	<i>\$entry</i>	- optional, if no \$id is passed, an entry can be passed directly
mixed	<i>\$client</i>	- a client object, needed if we want to calc some prizes
boolean	<i>\$ispreset</i>	- if it is only an item preset

##### Exceptions

<i>Exception</i>	
------------------	--

### 1.4.3 Member Function Documentation

#### 1.4.3.1 calcPrizes ( \$entry, \$client = NULL ) [private]

##### Parameters

<i>\$entry</i>	- the array representing the item entry
<i>\$client</i>	- an array with possible hourlyrate and dailyrate to be used if set

##### Returns

array updated \$entry

#### 1.4.3.2 calcTimeFor ( \$id ) [private]

Calculates the complete time spent on the item

## Parameters

<i>\$id</i>	- the id of the entry
-------------	-----------------------

## Returns

float decimal time

## 1.4.3.3 get ( )

Returns the associative array representing the updated item

## Returns

array

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/[amaltem.php](#)

## 1.5 AmaltemList Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$column, \$id)

#### 1.5.1 Detailed Description

This represents a list of Items matching given criteria

This file is part of the project codename "AMANUENSIS"

## Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

## Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

#### 1.5.2 Constructor & Destructor Documentation

## 1.5.2.1 \_\_construct ( \$column, \$id )

## Parameters

<i>\$column</i>	- offer, contract, todo, acceptance or invoice
<i>\$id</i>	- the id of the above mentioned thing

Exceptions

---

## Exception

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/[amaltemList.php](#)

## 1.6 AmaMail Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$receivername, \$receivermail, \$subject)
- [setContent](#) (\$html)
- [addAttachment](#) (\$path, \$name= "")
- [getPreview](#) ()
- [send](#) ()

### Private Member Functions

- [html2text](#) (\$html)
- [charset\\_decode\\_utf\\_8](#) (\$string)

#### 1.6.1 Detailed Description

Wrapper for PHPMailer and sending Emails from the App

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

#### 1.6.2 Constructor & Destructor Documentation

##### 1.6.2.1 \_\_construct ( \$receivername, \$receivermail, \$subject )

create a new mail to a recipient

#### Parameters

String	<i>\$receivername</i>	- the name of the receiver
String	<i>\$receivermail</i>	- the mail adress of the receiver
String	<i>\$subject</i>	- the subject of the email

#### 1.6.3 Member Function Documentation

##### 1.6.3.1 setContent ( \$html )

Sets the content of the mail



## Parameters

<i>\$html</i>	- the html body of the mail - only the part inside the outer
---------------	--

1.6.3.2 addAttachment ( *\$path*, *\$name* = ' ' )

Adds an attachment to the mail

## Parameters

	<i>\$path</i>	- the path to the attachment
null	<i>\$name</i>	- an optional new name for the attachment

## 1.6.3.3 getPreview ( )

Returns the complete generated Mail Markup

## Returns

string

## Exceptions

<i>Exception</i>
------------------

## 1.6.3.4 send ( )

Finally sends the mail

## Exceptions

<i>Exception</i>
------------------

1.6.3.5 html2text ( *\$html* ) [private]

Converts html to Text and encodes it in ISO-8859-1 Looks like reeeeeaaally fucked up shit, but this works actually quite well!

## Parameters

<i>\$html</i>	- the html that should be textified
---------------	-------------------------------------

## Returns

String

1.6.3.6 charset\_decode\_utf\_8 ( *\$string* ) [private]

Decodes unicode/utf8 to ansi/ISO-8859-1 and replaces unsupported chars with entities

## Author

okx.oliver.koenig@gmail.com - <http://php.net/manual/de/function.utf8-decode.php#116671>

**Parameters**

<i>\$string</i>	
-----------------	--

**Returns**

mixed

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/[amaMail.php](#)

## 1.7 AmaMailDoc Class Reference

**Public Member Functions**

- [\\_\\_construct](#) (*\$type*, *\$id*, *\$additional*=NULL)
- [getPreview](#) ()
- [send](#) ()

**Private Member Functions**

- [getInfo](#) ()
- [getRecipient](#) ()
- [getAttachments](#) ()
- [getContent](#) ()
- [getSubject](#) ()

### 1.7.1 Detailed Description

This class generates an amaMail with specific content and attachement based on a thing that should be sent

This file is part of the project codename "AMANUENSIS"

**Author**

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

**Copyright**

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.7.2 Constructor & Destructor Documentation

#### 1.7.2.1 \_\_construct ( *\$type*, *\$id*, *\$additional*=NULL )

Constructs a new [AmaMailDoc](#)

**Parameters**

<i>\$type</i>	- the type of the thing that should be send, e.g. offer
---------------	---

<i>\$id</i>	- the id of the thing
<i>\$additional</i>	- some additional text that can be added to the mail

### 1.7.3 Member Function Documentation

#### 1.7.3.1 `getPreview ( )`

Returns a preview path

Returns

string

#### 1.7.3.2 `send ( )`

Sends the constructed mail

#### 1.7.3.3 `getInfo ( )` [private]

Gathers the info

Returns

array

Exceptions

<i>Exception</i>	- if the thing is not found
------------------	-----------------------------

#### 1.7.3.4 `getRecipient ( )` [private]

Gathers Recipient info

Returns

array with 'mail' and 'name'

Exceptions

<i>Exception</i>	
------------------	--

#### 1.7.3.5 `getAttachments ( )` [private]

Gathers the Attachment path and ensures it existence

Returns

array

#### 1.7.3.6 `getContent ( )` [private]

Gathers the mail content

##### Returns

string

#### 1.7.3.7 `getSubject ( )` [private]

Generates the Mails subject

##### Returns

string

The documentation for this class was generated from the following file:

- [D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/amaMailDoc.php](#)

## 1.8 AmaProject Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$id)
- [getProjectData](#) ()
- [getClient](#) ()
- [getOffers](#) ()
- [getContracts](#) ()
- [getFileContracts](#) ()
- [getTodos](#) ()
- [getAcceptances](#) ()
- [getInvoices](#) ()
- [getEstimatedProjectWorths](#) ()

#### 1.8.1 Detailed Description

Holds functions for Project Handling

This file is part of the project codename "AMANUENSIS"

##### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

##### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

## 1.8.2 Constructor & Destructor Documentation

### 1.8.2.1 `__construct ( $id )`

## 1.8.3 Member Function Documentation

### 1.8.3.1 `getProjectData ( )`

Returns an array with basic project data, including the client

Returns

array

### 1.8.3.2 `getClient ( )`

Returns an array that represents the associated client

Returns

array

### 1.8.3.3 `getOffers ( )`

Returns an array that represents all offers associated with this project

Returns

array

### 1.8.3.4 `getContracts ( )`

Returns an array that represents all contracts associated with this project

Returns

array

### 1.8.3.5 `getFileContracts ( )`

Returns an array that represents all fileContracts associated with this project

Returns

array

### 1.8.3.6 `getTodos ( )`

Returns an array that represents all Todos associated with this project

Returns

array

#### 1.8.3.7 getAcceptances ( )

Returns an array that represents all acceptances associated with this project

Returns

array

#### 1.8.3.8 getInvoices ( )

Returns an array that represents all invoices associated with this project

Returns

array

#### 1.8.3.9 getEstimatedProjectWorths ( )

Calculates a number of project payment and cashflow overviews

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/[amaProject.php](#)

## 1.9 AmaSession Class Reference

### Static Public Member Functions

- static [start](#) ()
- static [set](#) (\$key, \$value)
- static [get](#) (\$key)
- static [destroy](#) ()

#### 1.9.1 Detailed Description

This static class handles Login Sessions, wraps the default PHP session handling.

This file is part of the project codename "AMANUENSIS"

Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

#### 1.9.2 Member Function Documentation

##### 1.9.2.1 static start ( ) [static]

Starts a PHP session if necessary

##### 1.9.2.2 static set ( \$key, \$value ) [static]

Sets a session variable

## Parameters

mixed	<i>\$key</i>	
mixed	<i>\$value</i>	

1.9.2.3 static get ( *\$key* ) [static]

Gets a Session param

## Parameters

mixed	<i>\$key</i>	
-------	--------------	--

## Returns

mixed

## 1.9.2.4 static destroy ( ) [static]

destroys the active Session and unsets cookies

## Returns

boolean - true if everything is alright, false if something went wrong

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/[amaSession.php](#)

## 1.10 AmaStream Class Reference

### Public Member Functions

- [addItem](#) (\$action, \$type, \$id, \$nouser=false)
- [getStream](#) ()
- [cleanUpOld](#) ()

### Static Public Member Functions

- static [getInstance](#) ()

### Static Protected Attributes

- static [\\$instance](#)

### Private Member Functions

- [\\_\\_clone](#) ()
- [\\_\\_construct](#) ()

### 1.10.1 Detailed Description

Handles stream item creation and stream delivering Implements Singleton Pattern

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.10.2 Constructor & Destructor Documentation

#### 1.10.2.1 `__construct ( )` [`private`]

Constructor will do nothing

### 1.10.3 Member Function Documentation

#### 1.10.3.1 `static getInstance ( )` [`static`]

Will return the instance of the stream

#### Returns

[AmaStream](#) - a stream object

#### 1.10.3.2 `__clone ( )` [`private`]

Manage proper cloning

#### Returns

[AmaStream](#) - an [AmaStream](#) instance

#### 1.10.3.3 `addItem ( $action, $type, $id, $nouser = false )`

#### Parameters

<i>\$action</i>	- the action that was done, e.g create, send, archive, delete
<i>\$type</i>	- what was done, e.g. project, client, invoice
<i>\$id</i>	- id of the thing
<i>\$nouser</i>	- if it is an event that shall not be connected with a user - defaults to false

#### 1.10.3.4 `getStream ( )`

Returns the stream data and triggers the cleanup

#### Returns

array



## 1.10.3.5 cleanUpOld ( )

Deletes old stream entries, older than 90 days

## 1.10.4 Field Documentation

## 1.10.4.1 \$instance [static], [protected]

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/[amaStream.php](#)

## 1.11 amaTemplate Class Reference

## Public Member Functions

- [\\_\\_construct](#) (\$path, array \$data)
- [getHTML](#) ()

## 1.11.1 Detailed Description

This class handles our [PDF](#) Templates. Due to this extra class we can keep our variable scope clean

This file is part of the project codename "AMANUENSIS"

## Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

## Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

## 1.11.2 Constructor &amp; Destructor Documentation

## 1.11.2.1 \_\_construct ( \$path, array \$data )

## Constructor

## Parameters

string	<i>\$path</i>	- the path of the template to load
array	<i>\$data</i>	- an array with variables that shall be accessible

## Exceptions

<i>Exception</i>
------------------

## 1.11.3 Member Function Documentation

## 1.11.3.1 getHTML ( )

Renders a template

**Returns**

string - the readymade html code

Echoes an expression if a var is present

**Parameters**

<i>\$var</i>	
<i>\$expression</i>	- optional, v will be replaced by var

Outputs something if it is existent, with a wrapper

**Parameters**

	<i>\$var</i>	- the variable
null	<i>\$expression</i>	- an expression to output, v will be replaced with the var

Checks if an input is existent

**Parameters**

<i>\$var</i>	- the variable
--------------	----------------

**Returns**

bool

Formats a date in format yyyy-MM-dd or a date object to dd.MM.yyyy

**Parameters**

mixed	<i>\$date</i>	- the date as string in format yyyy-MM-dd or a DateO object
-------	---------------	---

**Returns**

string

Inserts a forced page Break, use only in pdfs

**Returns**

string

Echoes the value of the given key of the given array, or if not present, the value of the key '\_\_\_default'

**Parameters**

mixed	<i>\$key</i>	
array	<i>\$values</i>	
	<i>\$expression</i>	- will be passed through the echolf function

**Returns**

string

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/[amaTemplate.php](#)

## 1.12 apps Class Reference

### Static Public Member Functions

- static [get](#) ()

## Static Private Member Functions

- static [getBrowser](#) ()

## 1.12.1 Member Function Documentation

### 1.12.1.1 static [get](#) ( ) [static]

This method reacts to GET Requests

### 1.12.1.2 static [getBrowser](#) ( ) [static],[private]

Function for identifying browser

#### Author

: [ruudrp@live.nl](mailto:ruudrp@live.nl) - <http://php.net/manual/de/function.get-browser.php#101125>  
Extended by SA for mobile platform support (ipad/iphone/ipod/android/Safari for iOS)

#### Returns

array

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[apps.php](#)

## 1.13 Authenticator Class Reference

### Static Public Member Functions

- static [login](#) (\$email, \$fe\_salted\_password)
- static [logout](#) ()
- static [getUser](#) ()
- static [isLoggedIn](#) ()
- static [onlyFor](#) ()
- static [getToken](#) (\$usertime, \$previous=false)

### 1.13.1 Detailed Description

This class handles authentication and token management

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.13.2 Member Function Documentation

#### 1.13.2.1 static login ( *\$email*, *\$fe\_salted\_password* ) [static]

Logs an user in

## Parameters

string	<i>\$email</i>	- the users email address
string	<i>\$fe_salted_password</i>	- the password string which is already salted from the frontend

## Returns

boolean - true if success, false if fail

## 1.13.2.2 static logout ( ) [static]

Logs the user out

## Returns

boolean - true if success, false if fail

## 1.13.2.3 static getUser ( ) [static]

Gets the current [User](#) object

## Returns

User|NULL

## 1.13.2.4 static isLoggedIn ( ) [static]

Checks if a user is logged in

## Returns

boolean

## 1.13.2.5 static onlyFor ( ) [static]

Checks if the user is logged in and has one of the as parameter given access levels, outputs matching errors if not

## 1.13.2.6 static getToken ( \$usertime, \$previous = false ) [static]

Returns an validation Token

## Parameters

<i>\$usertime</i>	- the creation timestamp of the user
<i>\$previous</i>	- whether or not the previous token should be get

## Returns

string - an validation token

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/[authenticator.php](#)

## 1.14 bulk Class Reference

### Static Public Member Functions

- static [post](#) ()
- static [bulkUpdate](#) (\$ids, \$for, \$forid)
- static [bulkOrder](#) (\$setorder, \$order)

### 1.14.1 Member Function Documentation

#### 1.14.1.1 static [post](#) ( ) [static]

This methods reacts to POST Requests

#### 1.14.1.2 static [bulkUpdate](#) ( *\$ids*, *\$for*, *\$forid* ) [static]

Associates items in a given list with a given thing

##### Parameters

string	<i>\$ids</i>	- comma separated list of ids that shall be updated
string	<i>\$for</i>	- the type of the thing they shall be conencted with
int	<i>\$forid</i>	- the id of the thing

#### 1.14.1.3 static [bulkOrder](#) ( *\$setorder*, *\$order* ) [static]

Sets the global\_order or todo\_order for multiple items

##### Parameters

String	<i>\$setorder</i>	- 'global' or 'todo'
	<i>\$order</i>	- a string, containing item-ids and their new order, format: 'id:ordering,id↵:ordering,...'

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[bulk.php](#)

## 1.15 client Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [getClientList](#) ()
- static [getClient](#) (\$id)
- static [addClient](#) ()
- static [updateClient](#) (\$id)

### 1.15.1 Member Function Documentation

#### 1.15.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.15.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.15.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests - deletes a client

Parameters

array	<code>\$_DELETE</code>	
-------	------------------------	--

#### 1.15.1.4 static getClientList ( ) [static],[private]

This method outputs a list of all customers

#### 1.15.1.5 static getClient ( \$id ) [static],[private]

This method outputs the data of a specific customer

Parameters

<code>\$id</code>	
-------------------	--

#### 1.15.1.6 static addClient ( ) [static],[private]

This method adds a customer

#### 1.15.1.7 static updateClient ( \$id ) [static],[private]

This method updates an existing customer

Parameters

<code>\$id</code>	
-------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[client.php](#)

## 1.16 client\_categories Class Reference

### Static Public Member Functions

- static [get](#) (\$id=NULL)
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [createCategory](#) ()
- static [updateCategory](#) ()
- static [createCategoryLink](#) ()
- static [deleteCategory](#) (\$id)
- static [deleteCategoryLink](#) (\$id, \$clientid)

### 1.16.1 Member Function Documentation

#### 1.16.1.1 static get ( \$id = NULL ) [static]

This method reacts to GET Requests, It serves all client categories

##### Parameters

<i>\$id</i>	- an optional id to filter
-------------	----------------------------

#### 1.16.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.16.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.16.1.4 static createCategory ( ) [static],[private]

Creates a new category outputs it when successfull

#### 1.16.1.5 static updateCategory ( ) [static],[private]

Updates an existing category outputs it when successfull

#### 1.16.1.6 static createCategoryLink ( ) [static],[private]

Creates the link between a category and a client

#### 1.16.1.7 static deleteCategory ( \$id ) [static],[private]

Deletes a category

##### Parameters

<i>\$id</i>	- the id of the category that should be deleted
-------------	---

#### 1.16.1.8 static deleteCategoryLink ( \$id, \$clientid ) [static],[private]

Deletes the link between a customer and a category



## Parameters

<i>\$id</i>	- the id of the category
<i>\$clientId</i>	- the id of the client

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[client\\_categories.php](#)

## 1.17 client\_data Class Reference

### Static Public Member Functions

- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [createData](#) ()
- static [modifyData](#) ()
- static [deleteData](#) (\$\_DELETE)

### 1.17.1 Member Function Documentation

#### 1.17.1.1 static [post](#) ( ) [static]

This methods reacts to POST Requests

#### 1.17.1.2 static [delete](#) ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.17.1.3 static [createData](#) ( ) [static],[private]

Creates a new data entry for a given user

#### 1.17.1.4 static [modifyData](#) ( ) [static],[private]

modifys data with the given id

#### 1.17.1.5 static [deleteData](#) ( \$\_DELETE ) [static],[private]

Deletes a given data entry

## Parameters

<i>\$_DELETE</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[client\\_data.php](#)

## 1.18 Config Class Reference

### Public Member Functions

- [save](#) ()
- [getUrl](#) (\$includeSecure=true)

### Static Public Member Functions

- static [getInstance](#) ()

### Static Protected Attributes

- static [\\$instance](#)

### Private Member Functions

- [\\_\\_clone](#) ()
- [\\_\\_construct](#) ()
- [readConfigFile](#) ()

### Static Private Attributes

- static [\\$filename](#) = 'classes/config/config.json'

### 1.18.1 Detailed Description

Loads the config json and grants access to it. Implements the singleton pattern (h8ters gonna h8..), but therefore we ensure that the config file is only loaded ONCE

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.18.2 Constructor & Destructor Documentation

#### 1.18.2.1 [\\_\\_construct](#) ( ) [private]

Constructor will read and parse the config file

### 1.18.3 Member Function Documentation

#### 1.18.3.1 [static getInstance](#) ( ) [static]

Will return the instance of the config

## Returns

[Config](#) - a config object

1.18.3.2 `__clone ( )` [`private`]

Manage proper cloning

## Returns

[Config](#) - a config instance

1.18.3.3 `readConfigFile ( )` [`private`]

Reads the config .json file and returns an array

## Returns

array - an array with config data

1.18.3.4 `save ( )`

Saves the current config back to the file

1.18.3.5 `getUrl ( $includeSecure = true )`

Gets either the secure url if set otherwise the base url or the request url. This is needed for popups and previews (-> Stuff that requires login but is not loaded via API)

## Parameters

boolean	<code>\$includeSecure</code>	- default true - if the secure url shall be used if set
---------	------------------------------	---

## Returns

String - the url

## 1.18.4 Field Documentation

1.18.4.1 `$instance` [`static`], [`protected`]1.18.4.2 `$filename = 'classes/config/config.json'` [`static`], [`private`]

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/config/[config.php](#)

## 1.19 contract Class Reference

## Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [getContractList](#) ()
- static [getContract](#) (\$id)
- static [createContract](#) ()
- static [modifyContract](#) ()
- static [deleteContract](#) (\$\_DELETE)

### 1.19.1 Member Function Documentation

#### 1.19.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.19.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.19.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.19.1.4 static getContractList ( ) [static],[private]

Gets a list of all Contracts

#### 1.19.1.5 static getContract ( \$id ) [static],[private]

Gets a single Contract

Parameters

<i>\$id</i>	- the id of the Contract to get
-------------	---------------------------------

#### 1.19.1.6 static createContract ( ) [static],[private]

creates a new Contract

#### 1.19.1.7 static modifyContract ( ) [static],[private]

modifies a Contract

#### 1.19.1.8 static deleteContract ( \$\_DELETE ) [static],[private]

deletes a Contract

Parameters

<code>\$_DELETE</code>	
------------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[contract.php](#)

## 1.20 crx Class Reference

### Static Public Member Functions

- static [get](#) ()

### 1.20.1 Member Function Documentation

#### 1.20.1.1 static [get](#) ( ) [*static*]

Reacts to get requests

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[crx.php](#)

## 1.21 CrxBuild Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$options)
- [zip](#) (\$from, \$to)
- [getPublicDerKey](#) ()
- [build](#) ()

### Static Public Member Functions

- static [checkRequirements](#) ()

### Data Fields

- const [CRX\\_FORMAT\\_VERSION](#) = 2

### Private Member Functions

- [\\_setOptions](#) (\$options)
- [\\_readPrivateKey](#) ()

### Private Attributes

- [\\$\\_privateKey](#) = null
- [\\$\\_privateKeyDetails](#) = null
- [\\$\\_crxName](#) = null

### 1.21.1 Detailed Description

Generates .crx Files

This file is part of the project codename "AMANUENSIS"

Author

Andrey Pashentsev

Copyright

Andrey Pashentsev MIT

### 1.21.2 Constructor & Destructor Documentation

1.21.2.1 `__construct ( $options )`

### 1.21.3 Member Function Documentation

1.21.3.1 `static checkRequirements ( ) [static]`

1.21.3.2 `_setOptions ( $options ) [private]`

1.21.3.3 `zip ( $from, $to )`

1.21.3.4 `getPublicDerKey ( )`

1.21.3.5 `_readPrivateKey ( ) [private]`

1.21.3.6 `build ( )`

### 1.21.4 Field Documentation

1.21.4.1 `const CRX_FORMAT_VERSION = 2`

1.21.4.2 `$_privateKey = null [private]`

1.21.4.3 `$_privateKeyDetails = null [private]`

1.21.4.4 `$_crxName = null [private]`

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/crxgen/[CrxBuild.php](#)

## 1.22 DBAL Class Reference

### Public Member Functions

- [prepare](#) (*\$query*)
- [dynamicInsert](#) (*\$table*, array *\$columns*, array *\$data*)
- [dynamicUpdate](#) (*\$table*, array *\$where*, array *\$columns*, array *\$data*)
- [deleteRow](#) (*\$table*, array *\$where*)
- [simpleSelect](#) (*\$table*, array *\$columns*, array *\$where*=NULL, *\$limit*=0, *\$orderBy*=NULL)

## Static Public Member Functions

- static [getInstance](#) ()

## Static Protected Attributes

- static [\\$instance](#)

## Private Member Functions

- [\\_\\_clone](#) ()
- [\\_\\_construct](#) ()

### 1.22.1 Detailed Description

Database Abstraction Layer, uses PDO, implements Singleton pattern (we only want ONE DB connection)

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.22.2 Constructor & Destructor Documentation

#### 1.22.2.1 [\\_\\_construct](#) ( ) [private]

Constructor will create the Database connection

### 1.22.3 Member Function Documentation

#### 1.22.3.1 [static getInstance](#) ( ) [static]

Will return the instance of the [DBAL](#)

#### Returns

DBAL- a [DBAL](#) object

#### 1.22.3.2 [\\_\\_clone](#) ( ) [private]

Manage proper cloning

#### Returns

[DBAL](#) - a [DBAL](#) instance

#### 1.22.3.3 [prepare](#) ( *\$query* )

Returns a PDO prepared statement

**Parameters**

String	<i>\$query</i>	- the query to be prepared
--------	----------------	----------------------------

**Returns**

PDOstatement

**1.22.3.4 dynamicInsert ( \$table, array \$columns, array \$data )**

Takes a tablename, a list of column names to be inserted and an array of data containing the data that should be inserted

**Parameters**

string	<i>\$table</i>	- the name of the table to insert into,
array	<i>\$columns</i>	- the column names that should be inserted
array	<i>\$data</i>	- an array that holds the data that should be inserted

**Returns**

int - the id of the inserted row

**1.22.3.5 dynamicUpdate ( \$table, array \$where, array \$columns, array \$data )**

Takes a tablename, a list of column names to be inserted and an array of data containing the data that should be inserted

**Parameters**

string	<i>\$table</i>	- the name of the table to insert into,
array	<i>\$where</i>	- column:value for the where clause
array	<i>\$columns</i>	- the column names that should be inserted
array	<i>\$data</i>	- an array that holds the data that should be inserted

**Returns**

int - the id of the inserted row

**1.22.3.6 deleteRow ( \$table, array \$where )**

Takes a tablename and a where representation that should be deleted

**Parameters**

string	<i>\$table</i>	- the name of the table to insert into,
array	<i>\$where</i>	- column:value for the where clause

**Exceptions**

<i>Exception</i>
------------------

**Returns**

int rowCount - the number of rows deleted

**1.22.3.7 simpleSelect ( \$table, array \$columns, array \$where = NULL, \$limit = 0, \$orderBy = NULL )**

Takes a tablename and a where representation and a set of columnnames and performs a simple SELECT



## Parameters

string	<i>\$table</i>	- the name of the table to insert into,
array	<i>\$columns</i>	- the columns to be responded
array	<i>\$where</i>	- column:value for the where clause
int	<i>\$limit</i>	- limits the select to X, 0 = no limit
string	<i>\$orderBy</i>	- an optional order by statement

## Exceptions

<i>Exception</i>	
------------------	--

## Returns

array - (2-dimensional)

## 1.22.4 Field Documentation

## 1.22.4.1 \$instance [static], [protected]

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/[dbal.php](#)

## 1.23 fileContract Class Reference

## Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [getFileContractList](#) ()
- static [getFileContract](#) (\$id)
- static [createFileContract](#) ()
- static [modifyFileContract](#) ()
- static [uploadfile](#) (\$for)
- static [deleteFileContract](#) (\$\_DELETE)
- static [human\\_filesize](#) (\$bytes, \$decimals=2)

## 1.23.1 Member Function Documentation

## 1.23.1.1 static get ( ) [static]

This method reacts to GET Requests, the upload method uses POST with GET parameters, we can not surely know, where it arrives (server dependent i think)

## 1.23.1.2 static post ( ) [static]

This methods reacts to POST Requests the upload method uses POST with GET parameters, we can not surely know, where it arrives (server dependent i think)

#### 1.23.1.3 static delete ( *\$\_DELETE* ) [static]

This methods reacts to DELETE Requests

#### 1.23.1.4 static getFileContractList ( ) [static],[private]

Gets a list of all FileContracts

#### 1.23.1.5 static getFileContract ( *\$id* ) [static],[private]

Gets a single FileContract

##### Parameters

<i>\$id</i>	- the id of the FileContract to get
-------------	-------------------------------------

#### 1.23.1.6 static createFileContract ( ) [static],[private]

creates a new FileContract

#### 1.23.1.7 static modifyFileContract ( ) [static],[private]

modifies a FileContract

#### 1.23.1.8 static uploadfile ( *\$for* ) [static],[private]

Saves a file

##### Parameters

<i>\$for</i>	- the id of the contract to save for
--------------	--------------------------------------

##### Exceptions

<i>Exception</i>	
------------------	--

#### 1.23.1.9 static deleteFileContract ( *\$\_DELETE* ) [static],[private]

deletes a FileContract

##### Parameters

<i>\$_DELETE</i>	
------------------	--

#### 1.23.1.10 static human\_filesize ( *\$bytes*, *\$decimals* = 2 ) [static],[private]

Converts bytes to human readable filesize

##### Author

Jeffrey Sambells <http://jeffreysambells.com/2012/10/25/human-readable-filesize-php>

## Parameters

	<i>\$bytes</i>	- the filesize in bytes
int	<i>\$decimals</i>	- how many decimals should be shown

## Returns

string - a human readable file size

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[fileContract.php](#)

## 1.24 helloWorld Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

#### 1.24.1 Member Function Documentation

##### 1.24.1.1 static get ( ) [static]

This method reacts to GET Requests

##### 1.24.1.2 static post ( ) [static]

This methods reacts to POST Requests

##### 1.24.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests Remember the parameter!!

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[helloWorld.php](#)

## 1.25 invoice Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [getInvoiceList](#) ()
- static [getInvoice](#) (\$id)
- static [createInvoice](#) ()
- static [modifyInvoice](#) ()
- static [deleteInvoice](#) (\$\_DELETE)

### 1.25.1 Member Function Documentation

#### 1.25.1.1 `static get ( )` [`static`]

This method reacts to GET Requests

#### 1.25.1.2 `static post ( )` [`static`]

This methods reacts to POST Requests

#### 1.25.1.3 `static delete ( $_DELETE )` [`static`]

This methods reacts to DELETE Requests

#### 1.25.1.4 `static getInvoiceList ( )` [`static`], [`private`]

Gets a list of all Invoices

#### 1.25.1.5 `static getInvoice ( $id )` [`static`], [`private`]

Gets a single Invoice

Parameters

<i>\$id</i>	- the id of the Invoice to get
-------------	--------------------------------

#### 1.25.1.6 `static createInvoice ( )` [`static`], [`private`]

creates a new Invoice

#### 1.25.1.7 `static modifyInvoice ( )` [`static`], [`private`]

modifies a Invoice

#### 1.25.1.8 `static deleteInvoice ( $_DELETE )` [`static`], [`private`]

deletes a Invoice

Parameters

<i>\$_DELETE</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[invoice.php](#)

## 1.26 item Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [getItemList](#) ()
- static [getItem](#) (\$id)
- static [createItem](#) ()
- static [modifyItem](#) ()
- static [deleteItem](#) (\$\_DELETE)
- static [getItemsOf](#) (\$column, \$id)

### 1.26.1 Member Function Documentation

#### 1.26.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.26.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.26.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.26.1.4 static getItemList ( ) [static],[private]

Gets a list of all Items

#### 1.26.1.5 static getItem ( \$id ) [static],[private]

Gets a single Item

##### Parameters

<i>\$id</i>	- the id of the Item to get
-------------	-----------------------------

#### 1.26.1.6 static createItem ( ) [static],[private]

creates a new Item

#### 1.26.1.7 static modifyItem ( ) [static],[private]

modifies a Item

#### 1.26.1.8 static deleteItem ( \$\_DELETE ) [static],[private]

deletes a Item

##### Parameters

<code>\$_DELETE</code>	
------------------------	--

#### 1.26.1.9 static `getItemsOf ( $column, $id )` [`static`],[`private`]

returns an item list of items associated with a given thing

##### Parameters

String	<code>\$column</code>	- the type of thing which the items are associated with
Int	<code>\$id</code>	- the id of the column the items are associated with

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[item.php](#)

## 1.27 item\_connection Class Reference

### Static Public Member Functions

- static [get](#) ()

### Static Private Member Functions

- static [getItemConnection](#) (`$id`)
- static [getAvailableItems](#) (`$for`, `$forid`)

### 1.27.1 Member Function Documentation

#### 1.27.1.1 static `get ( )` [`static`]

This method reacts to GET Requests

#### 1.27.1.2 static `getItemConnection ( $id )` [`static`],[`private`]

Gets all set connections

##### Parameters

<code>\$id</code>	- the id of the item
-------------------	----------------------

#### 1.27.1.3 static `getAvailableItems ( $for, $forid )` [`static`],[`private`]

Gets a list of all items which belong to the project of the given thing, which are not yet connected to a thing of the same class as the given one

##### Parameters

<code>\$for</code>	
<code>\$forid</code>	

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[item\\_connection.php](#)

## 1.28 item\_preset Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [getItemPresetList](#) ()
- static [getItemPreset](#) (\$id)
- static [createItemPreset](#) ()
- static [modifyItemPreset](#) ()
- static [deleteItemPreset](#) (\$\_DELETE)

### 1.28.1 Member Function Documentation

#### 1.28.1.1 static [get](#) ( ) [static]

This method reacts to GET Requests

#### 1.28.1.2 static [post](#) ( ) [static]

This methods reacts to POST Requests

#### 1.28.1.3 static [delete](#) ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.28.1.4 static [getItemPresetList](#) ( ) [static],[private]

Gets a list of all ItemPresets

#### 1.28.1.5 static [getItemPreset](#) ( \$id ) [static],[private]

Gets a single ItemPreset

##### Parameters

<i>\$id</i>	- the id of the ItemPreset to get
-------------	-----------------------------------

#### 1.28.1.6 static [createItemPreset](#) ( ) [static],[private]

creates a new ItemPreset

#### 1.28.1.7 static [modifyItemPreset](#) ( ) [static],[private]

modifies a ItemPreset

1.28.1.8 static deleteItemPreset ( *\$\_DELETE* ) [static],[private]

deletes a ItemPreset



## Parameters

<code>\$_DELETE</code>	
------------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[item\\_preset.php](#)

## 1.29 login Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()

#### 1.29.1 Member Function Documentation

##### 1.29.1.1 static [get](#) ( ) [`static`]

This method reacts to GET Requests it returns the current login state and, if not logged in, a login token for the given user

##### 1.29.1.2 static [post](#) ( ) [`static`]

This methods reacts to POST Requests this may login a user

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[login.php](#)

## 1.30 logout Class Reference

### Static Public Member Functions

- static [get](#) ()

#### 1.30.1 Member Function Documentation

##### 1.30.1.1 static [get](#) ( ) [`static`]

This method reacts to GET Requests it logs the current user out and returns the current login state

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[logout.php](#)

## 1.31 mail Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()

## Static Private Member Functions

- static [startsWith](#) (\$haystack, \$needle)
- static [endsWith](#) (\$haystack, \$needle)

### 1.31.1 Member Function Documentation

#### 1.31.1.1 static [get](#) ( ) [static]

Outputs a mail preview for a loggedin user This method reacts to GET Requests

#### 1.31.1.2 static [post](#) ( ) [static]

Sends a mail or generates a preview Reacts to POST Requests

#### 1.31.1.3 static [startsWith](#) ( *\$haystack*, *\$needle* ) [static],[private]

Tests if a string starts with a given string

##### Parameters

<i>\$haystack</i>	- the string to test
<i>\$needle</i>	- the string that \$haystack should start with

##### Returns

bool

#### 1.31.1.4 static [endsWith](#) ( *\$haystack*, *\$needle* ) [static],[private]

Tests if a string ends with a given string

##### Parameters

<i>\$haystack</i>	- the string to test
<i>\$needle</i>	- the string that \$haystack should end with

##### Returns

bool

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[mail.php](#)

## 1.32 offer Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [getOfferList](#) ()
- static [getOffer](#) (\$id)
- static [createOffer](#) ()
- static [modifyOffer](#) ()
- static [deleteOffer](#) (\$\_DELETE)

### 1.32.1 Member Function Documentation

#### 1.32.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.32.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.32.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.32.1.4 static getOfferList ( ) [static],[private]

Gets a list of all Offers

#### 1.32.1.5 static getOffer ( \$id ) [static],[private]

Gets a single Offer

Parameters

<i>\$id</i>	- the id of the Offer to get
-------------	------------------------------

#### 1.32.1.6 static createOffer ( ) [static],[private]

creates a new Offer

#### 1.32.1.7 static modifyOffer ( ) [static],[private]

modifies a Offer

#### 1.32.1.8 static deleteOffer ( \$\_DELETE ) [static],[private]

deletes a Offer

Parameters

<code>\$DELETE</code>	
-----------------------	--

The documentation for this class was generated from the following file:

- <D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/offer.php>

## 1.33 PDF Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$name)
- [setHTML](#) (\$html)
- [loadFile](#) (\$path)
- [stream](#) ()
- [saveToDisk](#) (\$path)

#### 1.33.1 Detailed Description

This is a wrapper for the DOMPDF library

This file is part of the project codename "AMANUENSIS"

##### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

##### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

#### 1.33.2 Constructor & Destructor Documentation

##### 1.33.2.1 \_\_construct ( \$name )

Constructs a new [PDF](#) instance

##### Parameters

string	<i>\$name</i>	- the name of the <a href="#">PDF</a> file
--------	---------------	--

#### 1.33.3 Member Function Documentation

##### 1.33.3.1 setHTML ( \$html )

Set the HTML that should be rendered

##### Parameters

string	<i>\$html</i>	
--------	---------------	--

##### 1.33.3.2 loadFile ( \$path )

Loads a html file that should be converted - PHP will also work (thanks to include)

## Parameters

string	<i>\$path</i>	
--------	---------------	--

## Exceptions

<i>Exception</i>	
------------------	--

## 1.33.3.3 stream ( )

Directly renders and outputs the [PDF](#)

## 1.33.3.4 saveToDisk ( \$path )

Saves the [PDF](#) to disc to the given path

## Parameters

string	<i>\$path</i>	
--------	---------------	--

## Exceptions

<i>Exception</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/[pdf.php](#)

## 1.34 PdfDoc Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$type, \$id)
- [streamPreview](#) ()
- [saveToDisk](#) ()

### Private Member Functions

- [getInfo](#) ()
- [getItems](#) ()
- [updateState](#) (\$path)
- [generatePath](#) ()
- [generateFilename](#) ()
- [generateHTML](#) ()
- [calcDueDate](#) (\$date)

### 1.34.1 Detailed Description

Represents a [PDF](#) Document, for example an offer or an invoice.

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

## Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

## 1.34.2 Constructor & Destructor Documentation

### 1.34.2.1 `__construct ( $type, $id )`

Constructs a new [PDF](#) Doc

**Parameters**

<i>\$type</i>	- the document type (e.g. offer, invoice...)
<i>\$id</i>	- the id of the document

## 1.34.3 Member Function Documentation

### 1.34.3.1 `streamPreview ( )`

Will stream a preview for this document

### 1.34.3.2 `saveToDisk ( )`

Will render the doc and save it to disk at the proper location

**Returns**

String - the path the [PDF](#) was saved

### 1.34.3.3 `getInfo ( )` [`private`]

Gathers the document info

**Returns**

array

**Exceptions**

<i>Exception</i>	- if the thing is not found
------------------	-----------------------------

### 1.34.3.4 `getItems ( )` [`private`]

Gathers the associated items

### 1.34.3.5 `updateState ( $path )` [`private`]

Will update the database state and path of the document

**Parameters**

---

<i>\$path</i>	
---------------	--

#### 1.34.3.6 generatePath ( ) [private]

generates desired path and filename for the document, and ensures it is existent

##### Returns

String

##### Exceptions

<i>Exception</i>	
------------------	--

#### 1.34.3.7 generateFilename ( ) [private]

generates an appropriate filename

##### Returns

String

#### 1.34.3.8 generateHTML ( ) [private]

Generates the HTML for the doc

##### Returns

string

#### 1.34.3.9 calcDueDate ( \$date ) [private]

Calcs a due date for a date

##### Parameters

<i>\$date</i>	- the invoice date
---------------	--------------------

##### Returns

bool|string

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/[pdfDoc.php](#)

## 1.35 pdfgen Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()

### 1.35.1 Member Function Documentation

#### 1.35.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.35.1.2 static post ( ) [static]

This methods reacts to POST Requests

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[pdfgen.php](#)

## 1.36 project Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [getProjectList](#) ()
- static [getProject](#) (\$id)
- static [createProject](#) ()
- static [modifyProject](#) ()
- static [deleteProject](#) (\$\_DELETE)
- static [process](#) (\$projects)

### 1.36.1 Member Function Documentation

#### 1.36.1.1 static get ( ) [static]

This method reacts to GET Requests

#### 1.36.1.2 static post ( ) [static]

This methods reacts to POST Requests

#### 1.36.1.3 static delete ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.36.1.4 static getProjectList ( ) [static],[private]

Gets a list of all Projects

#### 1.36.1.5 static getProject ( \$id ) [static],[private]

Gets a single Project



## Parameters

<i>\$id</i>	- the id of the Project to get
-------------	--------------------------------

1.36.1.6 `static createProject ( )` [`static`], [`private`]

creates a new Project

1.36.1.7 `static modifyProject ( )` [`static`], [`private`]

modifies a Project

1.36.1.8 `static deleteProject ( $_DELETE )` [`static`], [`private`]

deletes a Project

## Parameters

<i>\$_DELETE</i>	
------------------	--

1.36.1.9 `static process ( $projects )` [`static`], [`private`]

Processes a list of projects and is adding total costs/worth information

## Parameters

<i>\$projects</i>	- an array with projects data
-------------------	-------------------------------

## Returns

array - an array with more projects data

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[project.php](#)

## 1.37 protectedpdf Class Reference

### Static Public Member Functions

- static [get](#) ()

### Static Private Member Functions

- static [startsWith](#) (\$haystack, \$needle)
- static [endsWith](#) (\$haystack, \$needle)

### 1.37.1 Member Function Documentation

1.37.1.1 `static get ( )` [`static`]

Outputs a pdf for logged in users This method reacts to GET Requests

1.37.1.2 `static startsWith ( $haystack, $needle )` `[static],[private]`

Tests if a string starts with a given string

## Parameters

<i>\$haystack</i>	- the string to test
<i>\$needle</i>	- the string that \$haystack should start with

## Returns

bool

1.37.1.3 static endsWith ( *\$haystack*, *\$needle* ) [static],[private]

Tests if a string ends with a given string

## Parameters

<i>\$haystack</i>	- the string to test
<i>\$needle</i>	- the string that \$haystack should end with

## Returns

bool

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[protectedpdf.php](#)

## 1.38 refnumber Class Reference

### Static Public Member Functions

- static [get](#) ()

#### 1.38.1 Member Function Documentation

## 1.38.1.1 static get ( ) [static]

This method reacts to GET Requests

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[refnumber.php](#)

## 1.39 reminder Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

## Static Private Member Functions

- static [getReminderList](#) ()
- static [getReminder](#) (\$id)
- static [createReminder](#) ()
- static [modifyReminder](#) ()
- static [deleteReminder](#) (\$\_DELETE)

### 1.39.1 Member Function Documentation

#### 1.39.1.1 static `get ( )` [`static`]

This method reacts to GET Requests

#### 1.39.1.2 static `post ( )` [`static`]

This methods reacts to POST Requests

#### 1.39.1.3 static `delete ( $_DELETE )` [`static`]

This methods reacts to DELETE Requests

#### 1.39.1.4 static `getReminderList ( )` [`static`], [`private`]

Gets a list of all Reminders

#### 1.39.1.5 static `getReminder ( $id )` [`static`], [`private`]

Gets a single Reminder

Parameters

<i>\$id</i>	- the id of the Reminder to get
-------------	---------------------------------

#### 1.39.1.6 static `createReminder ( )` [`static`], [`private`]

creates a new Reminder

#### 1.39.1.7 static `modifyReminder ( )` [`static`], [`private`]

modifies a Reminder

#### 1.39.1.8 static `deleteReminder ( $_DELETE )` [`static`], [`private`]

deletes a Reminder

Parameters

<code>\$_DELETE</code>	
------------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[reminder.php](#)

## 1.40 Sani Class Reference

### Static Public Member Functions

- static [email](#) (\$email)
- static [validString](#) (\$string, \$options=array())
- static [options](#) (\$input, \$options)

### 1.40.1 Detailed Description

Has some nice sanitation functions

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.40.2 Member Function Documentation

#### 1.40.2.1 static email ( *\$email* ) [static]

Checks an Email

##### Parameters

string	<i>\$email</i>	
--------	----------------	--

##### Returns

string

##### Exceptions

<i>Exception</i>	
------------------	--

#### 1.40.2.2 static validString ( *\$string*, *\$options* = array() ) [static]

Check a string

**Parameters**

string	<i>\$string</i>	- a string to validate
array	<i>\$options</i>	- some options, can include minlength, maxlength, onlyletters

**Returns**

string

**Exceptions**

<i>Exception</i>	
------------------	--

**1.40.2.3 static options ( *\$input*, *\$options* ) [static]**

check if input is in allowed set

**Parameters**

mixed	<i>\$input</i>	
array	<i>\$options</i>	

**Returns**

mixed

**Exceptions**

<i>Exception</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/[sani.php](#)

## 1.41 ScriptByTemplate Class Reference

**Public Member Functions**

- [\\_\\_construct](#) (\$filename)
- [render](#) ()

**Private Member Functions**

- [replaceMarkers](#) (\$filecont)

### 1.41.1 Detailed Description

Class, that reads .jst files, compiles them to js and writes them back to disc

This file is part of the project codename "AMANUENSIS"

**Author**Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)**Copyright**

2015 I-SAN.de Webdesign &amp; Hosting GbR GPL

## 1.41.2 Constructor & Destructor Documentation

### 1.41.2.1 `__construct ( $filename )`

Creates an instance of the class referenzing a .jst file

Parameters

<i>\$filename</i>	- the filename of the .jst file in the scriptybytemplate directory
-------------------	--

## 1.41.3 Member Function Documentation

### 1.41.3.1 `render ( )`

Reads the .jst file, replaces the marker with the values from the config file

Returns

String - the path to the destinationfile

Exceptions

<i>Exception</i>	- for failing file system operations
------------------	--------------------------------------

### 1.41.3.2 `replaceMarkers ( $filecont ) [private]`

Fills a template with strings from the config

Parameters

<i>\$filecont</i>	- The template string that contains the markers that should be repalced
-------------------	---

Returns

String - the parsed file content

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/[scriptByTemplate.php](#)

## 1.42 ScriptLoader Class Reference

### Static Public Member Functions

- static [echoScripts](#) (\$debug=false)
- static [renderScriptsByTemplate](#) ()

### Static Private Member Functions

- static [echoAllScripts](#) ()
- static [echoCompressedScripts](#) ()
- static [getScriptsByTemplate](#) ()
- static [cacheCompressCss](#) ()
- static [cacheCompressJs](#) ()

### 1.42.1 Detailed Description

Static class that will output all necessary script tags and will optionally concatenate and compress them

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.42.2 Member Function Documentation

#### 1.42.2.1 `static echoScripts ( $debug = false ) [static]`

This static function will generate an html output making sure all needed scripts will be included in the head

##### Parameters

bool	<i>\$debug</i>	- whether or not the scripts should be concatenated and compressed, default = false
------	----------------	---

##### Returns

string - html which makes sure all scripts will be loaded

#### 1.42.2.2 `static echoAllScripts ( ) [static], [private]`

Echoes HTML tags to include all needed scripts

##### Returns

string - the HTML that includes all single scripts

#### 1.42.2.3 `static echoCompressedScripts ( ) [static], [private]`

Echoes HTML tags to include all compressed and concatenated scripts

##### Returns

string - the HTML that includes all concatenated and compressed scripts

#### 1.42.2.4 `static renderScriptsByTemplate ( ) [static]`

Renders the scriptsByTemplate

#### 1.42.2.5 `static getScriptsByTemplate ( ) [static], [private]`

Gets an array with paths to rendered scriptsByTemplate

##### Returns

array - an array of paths to rendered scripts by template



**1.42.2.6 static cacheCompressCss ( ) [static],[private]**

merges, caches and compresses all css files if necessary

**Returns**

String - the path to the generated css file

**1.42.2.7 static cacheCompressJs ( ) [static],[private]**

merges, caches and compresses all js files if necessary

**Returns**

String - the path to the generated js file

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/[scriptLoader.php](#)

## 1.43 Scripts Class Reference

### Static Public Attributes

- static [\\$libs](#)
- static [\\$byTemplate](#)
- static [\\$scripts](#)
- static [\\$css](#)

### 1.43.1 Detailed Description

Static class that holds the links to all needed scripts from root

This file is part of the project codename "AMANUENSIS"

**Author**

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

**Copyright**

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.43.2 Field Documentation

**1.43.2.1 array \$libs [static]****Initial value:**

```
= array(
    "lib/jquery-2.1.3.min.js",
    "lib/angular-1.3.14.min.js",
    "lib/bootstrap.min.js",
    "lib/modules/angular-ui-router.min.js",
    "lib/modules/angular.btf-modal.min.js",
    "lib/modules/angular-translate.min.js",
```

```

        "lib/modules/angular-translate-loader-static-files.min.js",
        "lib/modules/angular-animate.min.js",

        "lib/modules/textAngular-sanitize.js",
        "lib/modules/angular-pickadate.min.js",
        "lib/modules/ng-sortable.min.js",
        "lib/sha256.js",
        "lib/summernote.min.js",
        "js/app.js",
    )

```

Holds the path to all library js files

#### 1.43.2.2 array \$byTemplate [static]

**Initial value:**

```

= array(
    "constants.jst",
    "modules.jst",
)

```

Holds the path to all templates that should be compiled

#### 1.43.2.3 array \$scripts [static]

Holds the path to all default js files

#### 1.43.2.4 array \$css [static]

**Initial value:**

```

= array(
    "css/ama.css",
)

```

Holds the path to all css files

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/[scripts.php](#)

## 1.44 settings Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()

#### 1.44.1 Member Function Documentation

##### 1.44.1.1 static [get](#) ( ) [static]

Echoes the current config This method reacts to GET Requests

#### 1.44.1.2 static post ( ) [static]

This methods reacts to POST Requests

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[settings.php](#)

## 1.45 stream Class Reference

### Static Public Member Functions

- static [get](#) ( )

#### 1.45.1 Member Function Documentation

##### 1.45.1.1 static get ( ) [static]

This method reacts to GET Requests

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[stream.php](#)

## 1.46 test Class Reference

### Static Public Member Functions

- static [get](#) ( )
- static [post](#) ( )
- static [delete](#) ( [\\$\\_DELETE](#) )

#### 1.46.1 Member Function Documentation

##### 1.46.1.1 static get ( ) [static]

This method reacts to GET Requests

##### 1.46.1.2 static post ( ) [static]

This methods reacts to POST Requests

##### 1.46.1.3 static delete ( [\\$\\_DELETE](#) ) [static]

This methods reacts to DELETE Requests Remember the parameter!!

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[test.php](#)

## 1.47 time Class Reference

### Static Public Member Functions

- static [get](#) ()
- static [post](#) ()
- static [delete](#) (\$\_DELETE)

### Static Private Member Functions

- static [getTimeList](#) ()
- static [getTimeFor](#) (\$id)
- static [getTime](#) (\$id)
- static [createTime](#) ()
- static [modifyTime](#) ()
- static [deleteTime](#) (\$\_DELETE, \$forid=NULL)

### 1.47.1 Member Function Documentation

#### 1.47.1.1 static [get](#) ( ) [static]

This method reacts to GET Requests

#### 1.47.1.2 static [post](#) ( ) [static]

This methods reacts to POST Requests

#### 1.47.1.3 static [delete](#) ( \$\_DELETE ) [static]

This methods reacts to DELETE Requests

#### 1.47.1.4 static [getTimeList](#) ( ) [static],[private]

Gets a list of all Times

#### 1.47.1.5 static [getTimeFor](#) ( \$id ) [static],[private]

Gets a list of all Times for a specific item

Parameters

<i>\$id</i>	- the id of the item
-------------	----------------------

#### 1.47.1.6 static [getTime](#) ( \$id ) [static],[private]

Gets a single Time

Parameters

<i>\$id</i>	- the id of the Time to get
-------------	-----------------------------

**1.47.1.7 static createTime ( )** [*static*], [*private*]

creates a new Time

**1.47.1.8 static modifyTime ( )** [*static*], [*private*]

modifies a Time

**1.47.1.9 static deleteTime ( *\$\_DELETE*, *\$forid* = NULL )** [*static*], [*private*]

deletes a Time

Parameters

<i>\$_DELETE</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[time.php](#)

## 1.48 todo Class Reference

### Static Public Member Functions

- static [get](#) ( )
- static [post](#) ( )
- static [delete](#) (*\$\_DELETE*)

### Static Private Member Functions

- static [getTodoList](#) ( )
- static [getTodo](#) (*\$id*)
- static [createTodo](#) ( )
- static [modifyTodo](#) ( )
- static [deleteTodo](#) (*\$\_DELETE*)

### 1.48.1 Member Function Documentation

**1.48.1.1 static get ( )** [*static*]

This method reacts to GET Requests

**1.48.1.2 static post ( )** [*static*]

This methods reacts to POST Requests

**1.48.1.3 static delete ( *\$\_DELETE* )** [*static*]

This methods reacts to DELETE Requests

**1.48.1.4 static getList ( ) [static],[private]**

Gets a list of all Todos

**1.48.1.5 static getTodo ( \$id ) [static],[private]**

Gets a single Todo

**Parameters**

<i>\$id</i>	- the id of the Todo to get
-------------	-----------------------------

**1.48.1.6 static createTodo ( ) [static],[private]**

creates a new Todo

**1.48.1.7 static modifyTodo ( ) [static],[private]**

modifies a Todo

**1.48.1.8 static deleteTodo ( \$\_DELETE ) [static],[private]**

deletes a Todo

**Parameters**

<i>\$_DELETE</i>	
------------------	--

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[todo.php](#)

## 1.49 User Class Reference

### Public Member Functions

- [\\_\\_construct](#) (\$email, \$username, \$password, \$accessgroup, \$savetodb=true)
- [setEmail](#) (\$email)
- [setUsername](#) (\$username)
- [setAccessgroup](#) (\$accessgroup)
- [setPassword](#) (\$password)
- [setLastFailedLoginAttempt](#) ()

### Static Public Member Functions

- static [get](#) (\$email)

### Private Member Functions

- [sendNotification](#) ()

## Static Private Member Functions

- static [userdataByMail](#) (\$email)

### 1.49.1 Detailed Description

A class representing an [User](#)

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL

### 1.49.2 Constructor & Destructor Documentation

#### 1.49.2.1 `__construct ( $email, $username, $password, $accessgroup, $savetodb = true )`

Creates a new [User](#) and saves it to the Datastore

##### Parameters

string	<i>\$email</i>	
string	<i>\$username</i>	
string	<i>\$password</i>	- completely hashed if already existent user or only once hashed with sha256 without salt!
int	<i>\$accessgroup</i>	
boolean	<i>\$savetodb</i>	- set to false if user already exists

### 1.49.3 Member Function Documentation

#### 1.49.3.1 `static get ( $email ) [static]`

Returns the [User](#) with the given email address or NULL if none found

##### Parameters

string	<i>\$email</i>	- the email address of the wanted user
--------	----------------	--

##### Returns

User|NULL

#### 1.49.3.2 `setEmail ( $email )`

Sets the email address

##### Parameters

String	<i>\$email</i>	
--------	----------------	--

#### 1.49.3.3 setUsername ( *\$username* )

Sets the email address

Parameters

String	<i>\$username</i>	
--------	-------------------	--

#### 1.49.3.4 setAccessgroup ( *\$accessgroup* )

Sets the access group

Parameters

int	<i>\$accessgroup</i>	
-----	----------------------	--

#### 1.49.3.5 setPassword ( *\$password* )

Sets the password

Parameters

String	<i>\$password</i>	- the one time hashed password
--------	-------------------	--------------------------------

#### 1.49.3.6 setLastFailedLoginAttempt ( )

Sets the last failed login attempt to now

#### 1.49.3.7 sendNotification ( ) [private]

Notifies a new user by email

#### 1.49.3.8 static userdataByMail ( *\$email* ) [static],[private]

Gets an PDOStatement result with user data to a given Mail

Parameters

<i>\$email</i>	
----------------	--

Returns

mixed - the first result for the user

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/[user.php](#)



## 1.50 userdata Class Reference

### Public Member Functions

- [post](#) ()
- [delete](#) (\$\_DELETE)

### Static Public Member Functions

- static [get](#) ()

### Private Member Functions

- [getUserList](#) ()
- [createUser](#) ()
- [updateUser](#) ()

### 1.50.1 Member Function Documentation

#### 1.50.1.1 static [get](#) ( ) [static]

This method reacts to GET Requests it returns the current loggedin user

#### 1.50.1.2 [post](#) ( )

Reacts to post requests adds a user to the db or updates one

#### 1.50.1.3 [delete](#) ( \$\_DELETE )

#### 1.50.1.4 [getUserList](#) ( ) [private]

Outputs a list of all users

#### 1.50.1.5 [createUser](#) ( ) [private]

Creates a new user

#### 1.50.1.6 [updateUser](#) ( ) [private]

Updates an existing user

The documentation for this class was generated from the following file:

- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/[userdata.php](#)



## Chapter 2

# File Documentation

### 2.1 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/acceptance.php File Reference

#### Data Structures

- class [acceptance](#)

### 2.2 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/apps.php File Reference

#### Data Structures

- class [apps](#)

### 2.3 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/bulk.php File Reference

#### Data Structures

- class [bulk](#)

### 2.4 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client.php File Reference

#### Data Structures

- class [client](#)

### 2.5 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client\_categories.php File Reference

#### Data Structures

- class [client\\_categories](#)

## 2.6 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client\_data.php File Reference

### Data Structures

- class [client\\_data](#)

## 2.7 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/contract.php File Reference

### Data Structures

- class [contract](#)

## 2.8 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/crx.php File Reference

### Data Structures

- class [crx](#)

## 2.9 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/fileContract.php File Reference

### Data Structures

- class [fileContract](#)

## 2.10 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/helloWorld.php File Reference

### Data Structures

- class [helloWorld](#)

## 2.11 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/invoice.php File Reference

### Data Structures

- class [invoice](#)

## 2.12 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item.php File Reference

### Data Structures

- class [item](#)

## 2.13 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item\_connection.php File Reference

### Data Structures

- class [item\\_connection](#)

## 2.14 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item\_preset.php File Reference

### Data Structures

- class [item\\_preset](#)

## 2.15 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/login.php File Reference

### Data Structures

- class [login](#)

## 2.16 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/logout.php File Reference

### Data Structures

- class [logout](#)

## 2.17 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/mail.php File Reference

### Data Structures

- class [mail](#)

## 2.18 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/offer.php File Reference

### Data Structures

- class [offer](#)

## 2.19 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/pdfgen.php File Reference

### Data Structures

- class [pdfgen](#)

## 2.20 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/project.php File Reference

### Data Structures

- class [project](#)

## 2.21 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/protectedpdf.php File Reference

### Data Structures

- class [protectedpdf](#)

## 2.22 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/refnumber.php File Reference

### Data Structures

- class [refnumber](#)

## 2.23 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/reminder.php File Reference

### Data Structures

- class [reminder](#)

## 2.24 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/settings.php File Reference

### Data Structures

- class [settings](#)

## 2.25 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/stream.php File Reference

### Data Structures

- class [stream](#)

## 2.26 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/test.php File Reference

### Data Structures

- class [test](#)

## 2.27 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/time.php File Reference

### Data Structures

- class [time](#)

## 2.28 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/todo.php File Reference

### Data Structures

- class [todo](#)

## 2.29 D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/userdata.php File Reference

### Data Structures

- class [userdata](#)

## 2.30 D:/Arbeit/PhpStormProjects/amanuensis/app/api/cronjob.php File Reference

### Functions

- [catchAll](#) (\$e)
- [pushEvent](#) (\$type, \$id, \$name, \$state)
- [isPast](#) (\$date, \$offset=false)
- [getState](#) (\$type, \$id)
- [getLink](#) (\$event)

### Variables

- [\\$start](#) = microtime(true)
- [\\$events](#) = array()
- [\\$dbal](#) = [DBAL::getInstance\(\)](#)
- [\\$q](#)
- [\\$projectArchived](#) = [PROJECT\\_ARCHIVED](#)
- [\\$projectids](#) = [\\$q->fetchAll\(PDO::FETCH\\_ASSOC\)](#)
- [foreach](#)(\$projectids as \$projectid) [\\$stream](#) = [AmaStream::getInstance\(\)](#)
- [\\$x](#)

### 2.30.1 Function Documentation

#### 2.30.1.1 [catchAll](#) ( [\\$e](#) )

This function catches all uncaught Exceptions!

## Parameters

Exception	<i>\$e</i>	
-----------	------------	--

2.30.1.2 `pushEvent ( $type, $id, $name, $state )`

Adds an event to the event array

## Parameters

<i>\$type</i>	- the type of the thing
<i>\$id</i>	- the id of the thing
<i>\$name</i>	- the display name
<i>\$state</i>	- the state of the thing

2.30.1.3 `isPast ( $date, $offset = false )`

## Parameters

String	<i>\$date</i>	- a date in format yyy-MM-dd
boolean	<i>\$offset</i>	- if the invoice-due-days offset should be calculated

## Returns

boolean

2.30.1.4 `getState ( $type, $id )`

Returns a name of a state

## Parameters

<i>\$type</i>	
<i>\$id</i>	

2.30.1.5 `getLink ( $event )`

Returns a linked name and declaration

## Parameters

<i>\$event</i>	- the event
----------------	-------------

## Returns

string \$html

Change project state if necessary

## 2.30.2 Variable Documentation

2.30.2.1 `$start = microtime(true)`2.30.2.2 `$events = array()`



2.30.2.3 `$dbal = DBAL::getInstance()`

2.30.2.4 `$q`

**Initial value:**

```
= $dbal->prepare('
    SELECT id FROM projects WHERE state < :archived
')
```

2.30.2.5 `$projectArchived = PROJECT_ARCHIVED`

2.30.2.6 `$projectids = $q->fetchAll(PDO::FETCH_ASSOC)`

2.30.2.7 `foreach ($projectids as $projectid) $stream = AmaStream::getInstance()`

2.30.2.8 `$x`

**Initial value:**

```
= $dbal->prepare('
    DELETE FROM items
    WHERE offer IS NULL
    AND contract IS NULL
    AND todo IS NULL
    AND acceptance IS NULL
    AND invoice IS NULL
')
```

## 2.31 D:/Arbeit/PhpStormProjects/amanuensis/app/api/ffmanifest.php File Reference

### Variables

- `$conf = Config::getInstance()`
- `$manifest`

### 2.31.1 Variable Documentation

2.31.1.1 `$conf = Config::getInstance()`

2.31.1.2 `$manifest`

**Initial value:**

```
= array(
    "name" => "amanu",
    "description" => $conf->get['company'],
    "launch_path" => "/",
    "icons" => array(
        "16" => "/favicon-16x16.png",
        "32" => "/favicon-32x32.png",
        "48" => "/img/logo-48.png",
        "64" => "/img/logo-64.png",
        "128" => "/img/logo-128.png",
        "256" => "/img/logo-256.png",
        "30" => "/img/logo-30.png",
        "60" => "/img/logo-60.png",
        "90" => "/img/logo-90.png",
        "120" => "/img/logo-120.png",
    ),
    "developer" => array(
        "name" => "I-SAN.de Webdesign & Hosting GbR",
        "url" => "http://i-san.de"
    ),
)
```

## 2.32 D:/Arbeit/PhpStormProjects/amanuensis/app/api/index.php File Reference

### Functions

- [catchAll](#) ([\\$e](#))
- [json\\_response](#) ([\\$array](#))

### Variables

- [\\$conf](#) = [Config::getInstance\(\)](#)
- [\\$method](#) = [\\$\\_SERVER\['REQUEST\\_METHOD'\]](#)
- [if\(\\$method== 'OPTIONS'\) if\(\\$method!= 'GET'&&\\$method!= 'POST'&&\\$method!= 'DELETE'\) if\(\\$method== 'POST'\) if\(\\$method== 'DELETE'\) if\(\\$method=== 'GET'&&isset\(\\$\\_GET\['action'\]\)\) else if\(\\$method=== 'POST'&&isset\(\\$\\_POST\['action'\]\)\) else if\(\\$method=== 'DELETE'&&isset\(\\$\\_DELETE\['action'\]\)\) else if\(\\$method=== 'POST'&&isset\(\\$\\_GET\["uploadfor"\]\)\) else](#)
- [if\(!preg\\_match\("/^ \\$includefile \[\\_a-zA-Z\]\[\\_a-zA-Z0-9\]\\*\\$/", \\$action\)\) = 'api/classes/'.\\$action.'.php'](#)
- [if\(!file\\_exists\(\\$includefile\)\) \\$thisisamanu = true](#)
- [\\$callarray](#) = [array\(\\$action, strtolower\(\\$method\)\)](#)
- [\\$arguments](#) = [array\(\)](#)

### 2.32.1 Function Documentation

#### 2.32.1.1 [catchAll](#) ( [\\$e](#) )

This function catches all uncaught Exceptions!

Parameters

Exception	<a href="#">\$e</a>	
-----------	---------------------	--

#### 2.32.1.2 [json\\_response](#) ( [\\$array](#) )

Echoes a given array as JSON

### 2.32.2 Variable Documentation

#### 2.32.2.1 [\\$conf](#) = [Config::getInstance\(\)](#)

#### 2.32.2.2 [\\$method](#) = [\\$\\_SERVER\['REQUEST\\_METHOD'\]](#)

#### 2.32.2.3 [if \(\\$method== 'DELETE'\) if \(is\\_callable\(\\$callarray\)\) else](#)

Initial value:

```
{
    $error = new amaException(NULL, 400, "Action not defined")
}
```

#### 2.32.2.4 [if \(!preg\\_match\("/^ \\$includefile\[\\_a-zA-Z\]\[\\_a-zA-Z0-9\]\\*\\$/", \\$action\)\) = 'api/classes/'.\\$action.'.php'](#)

#### 2.32.2.5 [if \(!file\\_exists\(\\$includefile\)\) \\$thisisamanu = true](#)

#### 2.32.2.6 [\\$callarray](#) = [array\(\\$action, strtolower\(\\$method\)\)](#)

2.32.2.7 \$arguments = array()

## **2.33 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/amaSession.php File Reference**

### **Data Structures**

- class [AmaSession](#)

## **2.34 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/authenticator.php File Reference**

### **Data Structures**

- class [Authenticator](#)

## **2.35 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/authentication/user.php File Reference**

### **Data Structures**

- class [User](#)

## **2.36 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/config/config.php File Reference**

### **Data Structures**

- class [Config](#)

## **2.37 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/crxgen/CrxBuild.php File Reference**

### **Data Structures**

- class [CrxBuild](#)

## **2.38 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/dbal.php File Reference**

### **Data Structures**

- class [DBAL](#)

## 2.39 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/sani.php File Reference

### Data Structures

- class [Sani](#)

## 2.40 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/database/state\_constants.php File Reference

### Variables

- const [PROJECT\\_CREATED](#) 0
- const [PROJECT\\_WAITING](#) 1
- const [PROJECT\\_TODO](#) 2
- const [PROJECT\\_WAITING\\_OVERDUE](#) 3
- const [PROJECT\\_TODO\\_OVERDUE](#) 4
- const [PROJECT\\_FINISHED](#) 7
- const [PROJECT\\_ARCHIVED](#) 8
- const [CREATED](#) 0
- const [PDF\\_GENERATED](#) 1
- const [PDF\\_SENT](#) 2
- const [CLIENT\\_ACCEPTED](#) 3
- const [CLIENT\\_DECLINED](#) -1
- const [INVOICE\\_PAID](#) 3
- const [INVOICE\\_OVERDUE](#) 4
- const [INVOICE\\_OVERDUE\\_REMINDER\\_CREATED](#) 5
- const [TODO\\_TODO](#) 0
- const [TODO\\_FINISHED](#) 1
- const [TODO\\_OVERDUE](#) 2

### 2.40.1 Variable Documentation

#### 2.40.1.1 const PROJECT\_CREATED 0

Defines the state-constants for the data model see <http://wiki.ama.i-san.de/doku.php?id=info↵:statuscodes> for further definitions

This file is part of the project codename "AMANUENSIS"

#### Author

Sebastian Antosch [s.antosch@i-san.de](mailto:s.antosch@i-san.de)

#### Copyright

2015 I-SAN.de Webdesign & Hosting GbR GPL project

2.40.1.2 const PROJECT\_WAITING 1

2.40.1.3 const PROJECT\_TODO 2

2.40.1.4 const PROJECT\_WAITING\_OVERDUE 3

2.40.1.5 const PROJECT\_TODO\_OVERDUE 4

2.40.1.6 const PROJECT\_FINISHED 7

2.40.1.7 const PROJECT\_ARCHIVED 8

2.40.1.8 const CREATED 0

global

2.40.1.9 const PDF\_GENERATED 1

2.40.1.10 const PDF\_SENT 2

2.40.1.11 const CLIENT\_ACCEPTED 3

2.40.1.12 const CLIENT\_DECLINED -1

2.40.1.13 const INVOICE\_PAID 3

invoice special

2.40.1.14 const INVOICE\_OVERDUE 4

2.40.1.15 const INVOICE\_OVERDUE\_REMINDER\_CREATED 5

2.40.1.16 const TODO\_TODO 0

ToDo special

2.40.1.17 const TODO\_FINISHED 1

2.40.1.18 const TODO\_OVERDUE 2

## **2.41 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/errorhandling/amaException.php File Reference**

### **Data Structures**

- class [amaException](#)

## **2.42 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/amaMail.php File Reference**

## Data Structures

- class [AmaMail](#)

### 2.43 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/mail/amaMailDoc.php File Reference

## Data Structures

- class [AmaMailDoc](#)

### 2.44 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/amaTemplate.php File Reference

## Data Structures

- class [amaTemplate](#)

### 2.45 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/pdf.php File Reference

## Data Structures

- class [PDF](#)

### 2.46 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/pdf/pdfDoc.php File Reference

## Data Structures

- class [PdfDoc](#)

### 2.47 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaClient.php File Reference

## Data Structures

- class [AmaClient](#)

### 2.48 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaltem.php File Reference

## Data Structures

- class [Amaltem](#)

## 2.49 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaltemList.php File Reference

### Data Structures

- class [AmaltemList](#)

## 2.50 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaProject.php File Reference

### Data Structures

- class [AmaProject](#)

## 2.51 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/project/amaStream.php File Reference

### Data Structures

- class [AmaStream](#)

## 2.52 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/scriptByTemplate.php File Reference

### Data Structures

- class [ScriptByTemplate](#)

## 2.53 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/scriptLoader.php File Reference

### Data Structures

- class [ScriptLoader](#)

## 2.54 D:/Arbeit/PhpStormProjects/amanuensis/app/classes/scripthandling/scripts.php File Reference

### Data Structures

- class [Scripts](#)





# Index

- `$_crxName`
  - CrxBuild, 30
- `$_privateKey`
  - CrxBuild, 30
- `$_privateKeyDetails`
  - CrxBuild, 30
- `$arguments`
  - index.php, 74
- `$byTemplate`
  - Scripts, 58
- `$callarray`
  - index.php, 74
- `$conf`
  - ffmanifest.php, 73
  - index.php, 74
- `$css`
  - Scripts, 58
- `$dbal`
  - cronjob.php, 72
- `$events`
  - cronjob.php, 72
- `$filename`
  - Config, 27
- `$includefile`
  - index.php, 74
- `$instance`
  - AmaStream, 17
  - Config, 27
  - DBAL, 33
- `$libs`
  - Scripts, 57
- `$manifest`
  - ffmanifest.php, 73
- `$method`
  - index.php, 74
- `$projectArchived`
  - cronjob.php, 73
- `$projectids`
  - cronjob.php, 73
- `$q`
  - cronjob.php, 73
- `$scripts`
  - Scripts, 58
- `$start`
  - cronjob.php, 72
- `$stream`
  - cronjob.php, 73
- `$thisisamanu`
  - index.php, 74
- `$x`
  - cronjob.php, 73
- `__clone`
  - AmaStream, 16
  - Config, 27
  - DBAL, 31
- `__construct`
  - AmaClient, 3
  - amaException, 4
  - Amaltem, 6
  - AmaltemList, 7
  - AmaMail, 8
  - AmaMailDoc, 10
  - AmaProject, 13
  - AmaStream, 16
  - amaTemplate, 17
  - Config, 26
  - CrxBuild, 30
  - DBAL, 31
  - PDF, 44
  - PdfDoc, 46
  - ScriptByTemplate, 55
  - User, 63
- `_readPrivateKey`
  - CrxBuild, 30
- `_setOptions`
  - CrxBuild, 30
- acceptance, 1
  - createAcceptance, 3
  - delete, 1
  - deleteAcceptance, 3
  - get, 1
  - getAcceptance, 1
  - getAcceptanceList, 1
  - modifyAcceptance, 3
  - post, 1
- addAttachment
  - AmaMail, 9
- addClient
  - client, 23
- addItem
  - AmaStream, 16
- AmaClient, 3
  - \_\_construct, 3
  - get, 4
- amaException, 4
  - \_\_construct, 4
  - getData, 5
  - getJSON, 5

- renderJSONError, [5](#)
- renderScripttag, [5](#)
- setHeaders, [5](#)
- Amaltem, [5](#)
  - \_\_construct, [6](#)
  - calcPrizes, [6](#)
  - calcTimeFor, [6](#)
  - get, [7](#)
- AmaltemList, [7](#)
  - \_\_construct, [7](#)
- AmaMail, [8](#)
  - \_\_construct, [8](#)
  - addAttachment, [9](#)
  - charset\_decode\_utf\_8, [9](#)
  - getPreview, [9](#)
  - html2text, [9](#)
  - send, [9](#)
  - setContent, [8](#)
- AmaMailDoc, [10](#)
  - \_\_construct, [10](#)
  - getAttachments, [11](#)
  - getContent, [11](#)
  - getInfo, [11](#)
  - getPreview, [11](#)
  - getRecipient, [11](#)
  - getSubject, [12](#)
  - send, [11](#)
- AmaProject, [12](#)
  - \_\_construct, [13](#)
  - getAcceptances, [13](#)
  - getClient, [13](#)
  - getContracts, [13](#)
  - getEstimatedProjectWorths, [14](#)
  - getFileContracts, [13](#)
  - getInvoices, [14](#)
  - getOffers, [13](#)
  - getProjectData, [13](#)
  - getTodos, [13](#)
- AmaSession, [14](#)
  - destroy, [15](#)
  - get, [15](#)
  - set, [14](#)
  - start, [14](#)
- AmaStream, [15](#)
  - \$instance, [17](#)
  - \_\_clone, [16](#)
  - \_\_construct, [16](#)
  - addItem, [16](#)
  - cleanUpOld, [16](#)
  - getInstance, [16](#)
  - getStream, [16](#)
- amaTemplate, [17](#)
  - \_\_construct, [17](#)
  - getHTML, [17](#)
- apps, [18](#)
  - get, [19](#)
  - getBrowser, [19](#)
- Authenticator, [19](#)
- getToken, [21](#)
- getUser, [21](#)
- isLoggedIn, [21](#)
- login, [20](#)
- logout, [21](#)
- onlyFor, [21](#)
- build
  - CrxBuild, [30](#)
- bulk, [22](#)
  - bulkOrder, [22](#)
  - bulkUpdate, [22](#)
  - post, [22](#)
- bulkOrder
  - bulk, [22](#)
- bulkUpdate
  - bulk, [22](#)
- CLIENT\_ACCEPTED
  - state\_constants.php, [77](#)
- CLIENT\_DECLINED
  - state\_constants.php, [77](#)
- CREATED
  - state\_constants.php, [77](#)
- CRX\_FORMAT\_VERSION
  - CrxBuild, [30](#)
- cacheCompressCss
  - ScriptLoader, [56](#)
- cacheCompressJs
  - ScriptLoader, [57](#)
- calcDueDate
  - PdfDoc, [47](#)
- calcPrizes
  - Amaltem, [6](#)
- calcTimeFor
  - Amaltem, [6](#)
- catchAll
  - cronjob.php, [71](#)
  - index.php, [74](#)
- charset\_decode\_utf\_8
  - AmaMail, [9](#)
- checkRequirements
  - CrxBuild, [30](#)
- cleanUpOld
  - AmaStream, [16](#)
- client, [22](#)
  - addClient, [23](#)
  - delete, [23](#)
  - get, [23](#)
  - getClient, [23](#)
  - getClientList, [23](#)
  - post, [23](#)
  - updateClient, [23](#)
- client\_categories, [23](#)
  - createCategory, [24](#)
  - createCategoryLink, [24](#)
  - delete, [24](#)
  - deleteCategory, [24](#)
  - deleteCategoryLink, [24](#)

- get, 24
- post, 24
- updateCategory, 24
- client\_data, 25
  - createData, 25
  - delete, 25
  - deleteData, 25
  - modifyData, 25
  - post, 25
- Config, 26
  - \$filename, 27
  - \$instance, 27
  - \_\_clone, 27
  - \_\_construct, 26
  - getInstance, 26
  - getUrl, 27
  - readConfigFile, 27
  - save, 27
- contract, 27
  - createContract, 28
  - delete, 28
  - deleteContract, 28
  - get, 28
  - getContract, 28
  - getContractList, 28
  - modifyContract, 28
  - post, 28
- createAcceptance
  - acceptance, 3
- createCategory
  - client\_categories, 24
- createCategoryLink
  - client\_categories, 24
- createContract
  - contract, 28
- createData
  - client\_data, 25
- createFileContract
  - fileContract, 34
- createInvoice
  - invoice, 36
- createItem
  - item, 37
- createItemPreset
  - item\_preset, 39
- createOffer
  - offer, 43
- createProject
  - project, 49
- createReminder
  - reminder, 52
- createTime
  - time, 61
- createTodo
  - todo, 62
- createUser
  - userdata, 65
- cronjob.php
  - \$dbal, 72
  - \$events, 72
  - \$projectArchived, 73
  - \$projectids, 73
  - \$q, 73
  - \$start, 72
  - \$stream, 73
  - \$x, 73
  - catchAll, 71
  - getLink, 72
  - getState, 72
  - isPast, 72
  - pushEvent, 72
- crx, 29
  - get, 29
- CrxBuild, 29
  - \$\_crxName, 30
  - \$\_privateKey, 30
  - \$\_privateKeyDetails, 30
  - \_\_construct, 30
  - \_readPrivateKey, 30
  - \_setOptions, 30
  - build, 30
  - CRX\_FORMAT\_VERSION, 30
  - checkRequirements, 30
  - getPublicDerKey, 30
  - zip, 30
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/acceptance.↔
  - php, 67
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/apps.↔
  - php, 67
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/bulk.↔
  - php, 67
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client.↔
  - php, 67
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client↔
  - \_categories.php, 67
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/client↔
  - \_data.php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/contract.↔
  - php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/crx.↔
  - php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/file↔
  - Contract.php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/hello↔
  - World.php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/invoice.↔
  - php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item.↔
  - php, 68
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item↔
  - \_connection.php, 69
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/item↔
  - \_preset.php, 69
- D:/Arbeit/PhpStormProjects/amanuensis/app/api/classes/login.↔
  - php, 69



- deleteFileContract
  - fileContract, 34
- deleteInvoice
  - invoice, 36
- deleteItem
  - item, 37
- deleteItemPreset
  - item\_preset, 39
- deleteOffer
  - offer, 43
- deleteProject
  - project, 49
- deleteReminder
  - reminder, 52
- deleteRow
  - DBAL, 32
- deleteTime
  - time, 61
- deleteTodo
  - todo, 62
- destroy
  - AmaSession, 15
- dynamicInsert
  - DBAL, 32
- dynamicUpdate
  - DBAL, 32
- echoAllScripts
  - ScriptLoader, 56
- echoCompressedScripts
  - ScriptLoader, 56
- echoScripts
  - ScriptLoader, 56
- else
  - index.php, 74
- email
  - Sani, 53
- endsWith
  - mail, 42
  - protectedpdf, 51
- ffmanifest.php
  - \$conf, 73
  - \$manifest, 73
- fileContract, 33
  - createFileContract, 34
  - delete, 33
  - deleteFileContract, 34
  - get, 33
  - getFileContract, 34
  - getFileContractList, 34
  - human\_filesize, 34
  - modifyFileContract, 34
  - post, 33
  - uploadfile, 34
- generateFilename
  - PdfDoc, 47
- generateHTML
  - PdfDoc, 47
- generatePath
  - PdfDoc, 47
- get
  - acceptance, 1
  - AmaClient, 4
  - Amaltem, 7
  - AmaSession, 15
  - apps, 19
  - client, 23
  - client\_categories, 24
  - contract, 28
  - crx, 29
  - fileContract, 33
  - helloWorld, 35
  - invoice, 36
  - item, 37
  - item\_connection, 38
  - item\_preset, 39
  - login, 41
  - logout, 41
  - mail, 42
  - offer, 43
  - pdfgen, 48
  - project, 48
  - protectedpdf, 49
  - refnumber, 51
  - reminder, 52
  - settings, 58
  - stream, 59
  - test, 59
  - time, 60
  - todo, 61
  - User, 63
  - userdata, 65
- getAcceptance
  - acceptance, 1
- getAcceptanceList
  - acceptance, 1
- getAcceptances
  - AmaProject, 13
- getAttachments
  - AmaMailDoc, 11
- getAvailableItems
  - item\_connection, 38
- getBrowser
  - apps, 19
- getClient
  - AmaProject, 13
  - client, 23
- getClientList
  - client, 23
- getContent
  - AmaMailDoc, 11
- getContract
  - contract, 28
- getContractList
  - contract, 28

- getContracts
  - AmaProject, 13
- getData
  - amaException, 5
- getEstimatedProjectWorths
  - AmaProject, 14
- getFileContract
  - fileContract, 34
- getFileContractList
  - fileContract, 34
- getFileContracts
  - AmaProject, 13
- getHTML
  - amaTemplate, 17
- getInfo
  - AmaMailDoc, 11
  - PdfDoc, 46
- getInstance
  - AmaStream, 16
  - Config, 26
  - DBAL, 31
- getInvoice
  - invoice, 36
- getInvoiceList
  - invoice, 36
- getInvoices
  - AmaProject, 14
- getItem
  - item, 37
- getItemConnection
  - item\_connection, 38
- getItemList
  - item, 37
- getItemPreset
  - item\_preset, 39
- getItemPresetList
  - item\_preset, 39
- getItems
  - PdfDoc, 46
- getItemsOf
  - item, 38
- getJSON
  - amaException, 5
- getLink
  - cronjob.php, 72
- getOffer
  - offer, 43
- getOfferList
  - offer, 43
- getOffers
  - AmaProject, 13
- getPreview
  - AmaMail, 9
  - AmaMailDoc, 11
- getProject
  - project, 48
- getProjectData
  - AmaProject, 13
- getProjectList
  - project, 48
- getPublicDerKey
  - CrxBuild, 30
- getRecipient
  - AmaMailDoc, 11
- getReminder
  - reminder, 52
- getReminderList
  - reminder, 52
- getScriptsByTemplate
  - ScriptLoader, 56
- getState
  - cronjob.php, 72
- getStream
  - AmaStream, 16
- getSubject
  - AmaMailDoc, 12
- getTime
  - time, 60
- getTimeFor
  - time, 60
- getTimeList
  - time, 60
- getTodo
  - todo, 62
- getTodoList
  - todo, 61
- getTodos
  - AmaProject, 13
- getToken
  - Authenticator, 21
- getUri
  - Config, 27
- getUser
  - Authenticator, 21
- getUserList
  - userdata, 65
- helloWorld, 35
  - delete, 35
  - get, 35
  - post, 35
- html2text
  - AmaMail, 9
- human\_filesize
  - fileContract, 34
- INVOICE\_OVERDUE
  - state\_constants.php, 77
- INVOICE\_OVERDUE\_REMINDER\_CREATED
  - state\_constants.php, 77
- INVOICE\_PAID
  - state\_constants.php, 77
- index.php
  - \$arguments, 74
  - \$callarray, 74
  - \$conf, 74
  - \$includefile, 74

- \$method, 74
  - \$thisisamanu, 74
  - catchAll, 74
  - else, 74
  - json\_response, 74
- invoice, 35
  - createInvoice, 36
  - delete, 36
  - deleteInvoice, 36
  - get, 36
  - getInvoice, 36
  - getInvoiceList, 36
  - modifyInvoice, 36
  - post, 36
- isLoggedIn
  - Authenticator, 21
- isPast
  - cronjob.php, 72
- item, 36
  - createItem, 37
  - delete, 37
  - deleteItem, 37
  - get, 37
  - getItem, 37
  - getItemList, 37
  - getItemsOf, 38
  - modifyItem, 37
  - post, 37
- item\_connection, 38
  - get, 38
  - getAvailableItems, 38
  - getItemConnection, 38
- item\_preset, 39
  - createItemPreset, 39
  - delete, 39
  - deleteItemPreset, 39
  - get, 39
  - getItemPreset, 39
  - getItemPresetList, 39
  - modifyItemPreset, 39
  - post, 39
- json\_response
  - index.php, 74
- loadFile
  - PDF, 44
- login, 41
  - Authenticator, 20
  - get, 41
  - post, 41
- logout, 41
  - Authenticator, 21
  - get, 41
- mail, 41
  - endsWith, 42
  - get, 42
  - post, 42
  - startsWith, 42
- modifyAcceptance
  - acceptance, 3
- modifyContract
  - contract, 28
- modifyData
  - client\_data, 25
- modifyFileContract
  - fileContract, 34
- modifyInvoice
  - invoice, 36
- modifyItem
  - item, 37
- modifyItemPreset
  - item\_preset, 39
- modifyOffer
  - offer, 43
- modifyProject
  - project, 49
- modifyReminder
  - reminder, 52
- modifyTime
  - time, 61
- modifyTodo
  - todo, 62
- offer, 42
  - createOffer, 43
  - delete, 43
  - deleteOffer, 43
  - get, 43
  - getOffer, 43
  - getOfferList, 43
  - modifyOffer, 43
  - post, 43
- onlyFor
  - Authenticator, 21
- options
  - Sani, 54
- PDF, 44
  - \_\_construct, 44
  - loadFile, 44
  - saveToDisk, 45
  - setHTML, 44
  - stream, 45
- PDF\_GENERATED
  - state\_constants.php, 77
- PDF\_SENT
  - state\_constants.php, 77
- PROJECT\_ARCHIVED
  - state\_constants.php, 77
- PROJECT\_CREATED
  - state\_constants.php, 76
- PROJECT\_FINISHED
  - state\_constants.php, 77
- PROJECT\_TODO
  - state\_constants.php, 77
- PROJECT\_TODO\_OVERDUE

- state\_constants.php, 77
- PROJECT\_WAITING
  - state\_constants.php, 76
- PROJECT\_WAITING\_OVERDUE
  - state\_constants.php, 77
- PdfDoc, 45
  - \_\_construct, 46
  - calcDueDate, 47
  - generateFilename, 47
  - generateHTML, 47
  - generatePath, 47
  - getInfo, 46
  - getItems, 46
  - saveToDisk, 46
  - streamPreview, 46
  - updateState, 46
- pdfgen, 47
  - get, 48
  - post, 48
- post
  - acceptance, 1
  - bulk, 22
  - client, 23
  - client\_categories, 24
  - client\_data, 25
  - contract, 28
  - fileContract, 33
  - helloWorld, 35
  - invoice, 36
  - item, 37
  - item\_preset, 39
  - login, 41
  - mail, 42
  - offer, 43
  - pdfgen, 48
  - project, 48
  - reminder, 52
  - settings, 58
  - test, 59
  - time, 60
  - todo, 61
  - userdata, 65
- prepare
  - DBAL, 31
- process
  - project, 49
- project, 48
  - createProject, 49
  - delete, 48
  - deleteProject, 49
  - get, 48
  - getProject, 48
  - getProjectList, 48
  - modifyProject, 49
  - post, 48
  - process, 49
- protectedpdf, 49
  - endsWith, 51
  - get, 49
  - startsWith, 49
- pushEvent
  - cronjob.php, 72
- readConfigFile
  - Config, 27
- refnumber, 51
  - get, 51
- reminder, 51
  - createReminder, 52
  - delete, 52
  - deleteReminder, 52
  - get, 52
  - getReminder, 52
  - getReminderList, 52
  - modifyReminder, 52
  - post, 52
- render
  - ScriptByTemplate, 55
- renderJSONError
  - amaException, 5
- renderScriptsByTemplate
  - ScriptLoader, 56
- renderScripttag
  - amaException, 5
- replaceMarkers
  - ScriptByTemplate, 55
- Sani, 53
  - email, 53
  - options, 54
  - validString, 53
- save
  - Config, 27
- saveToDisk
  - PDF, 45
  - PdfDoc, 46
- ScriptByTemplate, 54
  - \_\_construct, 55
  - render, 55
  - replaceMarkers, 55
- ScriptLoader, 55
  - cacheCompressCss, 56
  - cacheCompressJs, 57
  - echoAllScripts, 56
  - echoCompressedScripts, 56
  - echoScripts, 56
  - getScriptsByTemplate, 56
  - renderScriptsByTemplate, 56
- Scripts, 57
  - \$byTemplate, 58
  - \$css, 58
  - \$libs, 57
  - \$scripts, 58
- send
  - AmaMail, 9
  - AmaMailDoc, 11
- sendNotification



- User, [64](#)
- set
  - AmaSession, [14](#)
- setAccessgroup
  - User, [64](#)
- setContent
  - AmaMail, [8](#)
- setEmail
  - User, [63](#)
- setHTML
  - PDF, [44](#)
- setHeaders
  - amaException, [5](#)
- setLastFailedLoginAttempt
  - User, [64](#)
- setPassword
  - User, [64](#)
- setUsername
  - User, [64](#)
- settings, [58](#)
  - get, [58](#)
  - post, [58](#)
- simpleSelect
  - DBAL, [32](#)
- start
  - AmaSession, [14](#)
- startsWith
  - mail, [42](#)
  - protectedpdf, [49](#)
- state\_constants.php
  - CLIENT\_ACCEPTED, [77](#)
  - CLIENT\_DECLINED, [77](#)
  - CREATED, [77](#)
  - INVOICE\_OVERDUE, [77](#)
  - INVOICE\_OVERDUE\_REMINDER\_CREATED, [77](#)
  - INVOICE\_PAID, [77](#)
  - PDF\_GENERATED, [77](#)
  - PDF\_SENT, [77](#)
  - PROJECT\_ARCHIVED, [77](#)
  - PROJECT\_CREATED, [76](#)
  - PROJECT\_FINISHED, [77](#)
  - PROJECT\_TODO, [77](#)
  - PROJECT\_TODO\_OVERDUE, [77](#)
  - PROJECT\_WAITING, [76](#)
  - PROJECT\_WAITING\_OVERDUE, [77](#)
  - TODO\_FINISHED, [77](#)
  - TODO\_OVERDUE, [77](#)
  - TODO\_TODO, [77](#)
- stream, [59](#)
  - get, [59](#)
  - PDF, [45](#)
- streamPreview
  - PdfDoc, [46](#)
- TODO\_FINISHED
  - state\_constants.php, [77](#)
- TODO\_OVERDUE
  - state\_constants.php, [77](#)
- TODO\_TODO
  - state\_constants.php, [77](#)
- test, [59](#)
  - delete, [59](#)
  - get, [59](#)
  - post, [59](#)
- time, [60](#)
  - createTime, [61](#)
  - delete, [60](#)
  - deleteTime, [61](#)
  - get, [60](#)
  - getTime, [60](#)
  - getTimeFor, [60](#)
  - getTimeList, [60](#)
  - modifyTime, [61](#)
  - post, [60](#)
- todo, [61](#)
  - createTodo, [62](#)
  - delete, [61](#)
  - deleteTodo, [62](#)
  - get, [61](#)
  - getTodo, [62](#)
  - getTodoList, [61](#)
  - modifyTodo, [62](#)
  - post, [61](#)
- updateCategory
  - client\_categories, [24](#)
- updateClient
  - client, [23](#)
- updateState
  - PdfDoc, [46](#)
- updateUser
  - userdata, [65](#)
- uploadfile
  - fileContract, [34](#)
- User, [62](#)
  - \_\_construct, [63](#)
  - get, [63](#)
  - sendNotification, [64](#)
  - setAccessgroup, [64](#)
  - setEmail, [63](#)
  - setLastFailedLoginAttempt, [64](#)
  - setPassword, [64](#)
  - setUsername, [64](#)
  - userdataByMail, [64](#)
- userdata, [65](#)
  - createUser, [65](#)
  - delete, [65](#)
  - get, [65](#)
  - getUserList, [65](#)
  - post, [65](#)
  - updateUser, [65](#)
- userdataByMail
  - User, [64](#)
- validString
  - Sani, [53](#)
- zip

CrxBuild, [30](#)