

AppSettings

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AppSettings

Kind: Class

Source: Frontend/src/app/settings/app/app.settings.ts (line 241)

Part of: Frontend

`AppSettings` groups application settings helpers for origin URL access, forbidden-character validation, and date handling. It is used by frontend code that needs consistent date values for data-grid filters and time-zone adjustments.

Methods

Method	Signature	Returns
<code>getOriginUrl</code>	<code>getOriginUrl()</code>	<code>void</code>
<code>ifForbiddenCharacters</code>	<code>ifForbiddenCharacters(filterObject: any)</code>	<code>boolean</code>
<code>checkingForForbiddenCharacters</code>	<code>checkingForForbiddenCharacters(filterObject: any)</code>	<code>boolean</code>
<code>adjustDateForDataGridFilterIsDateColumn</code>	<code>adjustDateForDataGridFilterIsDateColumn(date: Date)</code>	<code>void</code>
<code>checkIfDataGridFilterIsDateColumn</code>	<code>checkIfDataGridFilterIsDateColumn(filterObject: any, gridInstance: any)</code>	<code>any</code>
<code>normalizeDate</code>	<code>normalizeDate(dateString: string)</code>	<code>Date</code>
<code>addTimeZoneToDate</code>	<code>addTimeZoneToDate(date: Date)</code>	<code>void</code>
<code>addTimeZoneToDateEnhanced</code>	<code>addTimeZoneToDateEnhanced(date: Date)</code>	<code>string</code>
<code>subtractTimeZoneToDate</code>	<code>subtractTimeZoneToDate(date: Date)</code>	<code>void</code>
<code>subtractTimeZoneToDateEnhanced</code>	<code>subtractTimeZoneToDateEnhanced(date: Date)</code>	<code>void</code>
<code>isMeDeveloper</code>	<code>isMeDeveloper()</code>	<code>boolean</code>
<code>ifShotecCompany</code>	<code>ifShotecCompany()</code>	<code>void</code>
<code>if_ShotecSAE_ServiceCenter_Branches</code>	<code>if_ShotecSAE_ServiceCenter_Branches(BranchId: undefined)</code>	<code>boolean</code>

Method	Signature	Returns
leavePage	leavePage()	void
CalculateSize	CalculateSize(offset: number)	void
setYearsColorForDashboard	setYearsColorForDashboard(year: number)	string
GetPrecentage	GetPrecentage(val: undefined, total_val: undefined)	void
getUserSignature	getUserSignature(BranchLogo: undefined)	string
checkEquality	checkEquality(source: any, target: any, pro: string, CalculatedFields: any[])	boolean
DataChanged	DataChanged(source: any, target: any, CalculatedFields: any[])	boolean
calculateMonthsBeforeToday	calculateMonthsBeforeToday(year: number, monthIndex: number)	number
formatDate	formatDate(e: Date)	void
formatDateTime	formatDateTime(e: Date)	void
ConvertDateToString	ConvertDateToString(dateX: Date)	string
ConvertDateToStringEU	ConvertDateToStringEU(dateX: Date)	string
ConvertStringToDate	ConvertStringToDate(data: string)	Date
ConvertStringToDateEU	ConvertStringToDateEU(data: string)	Date
NumeralConversionDefault	NumeralConversionDefault(data: undefined, format: undefined)	string
NumeralConversionForRate	NumeralConversionForRate(data: undefined, format: undefined)	string
NumeralConversion	NumeralConversion(data: undefined, format: undefined, currency: undefined)	string
NumeralUnConversion	NumeralUnConversion(data: undefined)	number
returnDecimalDigits	returnDecimalDigits(numOfDigits: number)	string
getDecimalDigits	getDecimalDigits(value: number)	string
convertHtmlToText	convertHtmlToText(html: string)	string
ParseError	ParseError(error: any)	string
UlitizeTime	UlitizeTime(i: number, Sperator: string, title: string)	void
calculateTimePeriod	calculateTimePeriod(periodId: number)	number
returnTimePeriodForMoment	returnTimePeriodForMoment(periodId: number)	string

Method	Signature	Returns
setCookie	setCookie(cName: undefined, cValue: undefined, expDays: undefined)	void
getCookie	getCookie(cName: undefined)	void
deleteCookie	deleteCookie(cName: string)	void
saveLocalStorage	saveLocalStorage()	void
ifSavePamsStorage	ifSavePamsStorage()	boolean
ifSaveUserLoggedInStorage	ifSaveUserLoggedInStorage()	boolean
readPamsLocalStorage	readPamsLocalStorage()	void
readUserLoggedInLocalStorage	readUserLoggedInLocalStorage()	void
clearLocalStorage	clearLocalStorage()	void
ifStorageUpdated	ifStorageUpdated()	boolean
initializeGridDefaults	initializeGridDefaults()	void
save2WayAuthenticationLocalStorage	save2WayAuthenticationLocalStorage()	void

Properties

Property	Type
APIUrl	any
APIOneDriveUrl	any
OriginFrontURL	any
sendMailMSALDirection	any
AppVersionNumber	any
AppVersion	any
BuildHash	any
AppName	any
PoweredByCompany	any
bottomActionBar	any
ImgPath	any
MainPageRoute	any
API_ProjectProcessWorkflowTypeController	any
API_CategoryController	any

Property	Type
API_ProductController	any
API_ProductVariantController	any
API_ProductSubSupplierController	any
API_AuthController	any
API_UnitController	any
API_CountryController	any
API_Activities	any
API_ActivitiesLookups	any
API_CompanyCurrencyController	any
API_OfferController	any
API_OfferItemController	any
API_ItemController	any
API_TimePeriodController	any
API_NewTimePeriod	any
API_OfferMileStoneController	any
API_OfferItemVersionController	any
API_InquiryController	any
API_GuaranteeTypeController	any
API_JobGuaranteeController	any
API_CurrencyController	any
API_ContactInfoTypesController	any
API_ContactInfoRelatedTypeController	any
API_JobProcessController	any
API_JobItemController	any
API_JobVersionController	any
API_CityController	any
API_GovernateController	any
API_SerialStatusController	any
API_SerialCombinationsController	any
API_SerialComponentsController	any

Property	Type
API_SerialTypeController	any
API_PaymentMethodController	any
API_DeliveryTermController	any
API_ClientsController	any
API_PersonController	any
API_ClientTypesController	any

Where it refuses work

- AppSettings stops the work with an early return when !filterObject , in 2 places.
- AppSettings stops the work with an early return when AppSettings.checkingForForbiddenCharacters(item) .
- AppSettings stops the work with an early return when this.checkingForForbiddenCharacters(filterObject) .
- AppSettings stops the work with an early return when filterObjectAsString.includes(char) .
- AppSettings stops the work with an early return when Array.isArray(filterObject) .
- AppSettings stops the work with an early return when item.columnIndex !== undefined && gridInstance .

When something fails

- AppSettings handles failure in 3 places: it logs it and continues in all 3.

Diagram

```
graph LR
  AppSettings --> Origin[getOriginUrl]
  AppSettings --> Validation[ifForbiddenCharacters]
  AppSettings --> ValidationCheck[checkingForForbiddenCharacters]
  AppSettings --> GridDate[adjustDateForDataGridFilterIsDateColumn]
  GridDate --> DateColumn[checkIfDataGridFilterIsDateColumn]
  AppSettings --> DateNormalization[normalizeDate]
  AppSettings --> TimeZone[addTimeZoneToDate]
  TimeZone --> EnhancedAdd[addTimeZoneToDateEnhanced]
  AppSettings --> TimeZoneSubtract[subtractTimeZoneToDate]
  TimeZoneSubtract --> EnhancedSubtract[subtractTimeZoneToDateEnhanced]
```

Usage

```
import { AppSettings } from './app.settings';

const appSettings = new AppSettings();

const originUrl = appSettings.getOriginUrl();
const hasForbiddenCharacters = appSettings.ifForbiddenCharacters();

const normalizedDate: Date = appSettings.normalizeDate();
const dateWithTimeZone = appSettings.addTimeZoneToDateEnhanced();

if (!hasForbiddenCharacters) {
  appSettings.adjustDateForDataGridFilterIsDateColumn();
}

console.log({ originUrl, normalizedDate, dateWithTimeZone });
```

AI Coding Instructions

- Keep date conversion logic inside `AppSettings` so data-grid filters use the same date handling path.
- Check forbidden-character methods before sending user-entered values to API or filter code.
- Use `normalizeDate()` when a caller requires a `Date` value.
- Use the enhanced time-zone methods when the caller requires a string result.
- Verify date-column detection through `checkIfDataGridFilterIsDateColumn()` before applying data-grid date adjustments.

Relationships

- CALLS → `FilesController`
- CALLS → `MarketSegmentController`
- CALLS → `CategoryController`
- CALLS → `ProductController`
- CALLS → `ProductVariantController`
- CALLS → `ProductSupplierController`
- CALLS → `UnitController`
- CALLS → `CountryController`
- CALLS → `ActivitiesController`
- CALLS → `VisitPurposeController`
- CALLS → `CompanyCurrencyController`
- CALLS → `OfferController`
- CALLS → `ItemController`

- CALLS → `TimePeriodController`
- CALLS → `SalesJobController`
- CALLS → `OfferMileStoneController`
- CALLS → `InquiryController`
- CALLS → `GuaranteeTypesController`
- CALLS → `JobGuaranteesController`
- CALLS → `CurrencyController`
- CALLS → `ContactInfoTypeController`
- CALLS → `ContactInfoRelatedTypeController`
- CALLS → `JobProcessController`
- CALLS → `JobItemController`
- CALLS → `JobVersionController`
- CALLS → `CityController`
- CALLS → `GovernateController`
- CALLS → `SerialStatusController`
- CALLS → `SerialCombinationsController`
- CALLS → `SerialComponentsController`
- CALLS → `SerialTypeController`
- CALLS → `PaymentMethodController`
- CALLS → `DeliveryTermController`
- CALLS → `PersonController`
- CALLS → `ClientTypeController`
- CALLS → `SupplierTypeController`
- CALLS → `PersonEmailController`
- CALLS → `PersonPhoneController`
- CALLS → `CompanyBranchContactInfoController`
- CALLS → `ContactInfoController`
- CALLS → `CompanyBranchController`
- CALLS → `StoreController`
- CALLS → `StoreAreaController`
- CALLS → `WarehouseModelController`
- CALLS → `ReceivingShipmentController`
- CALLS → `InspectionSheetController`
- CALLS → `InspectionBaseController`
- CALLS → `TransferOrderReasonController`

- CALLS → ExternalServiceTypeController
- CALLS → ProductWithdrawalController
- CALLS → BookingProductController
- CALLS → StoreProductController
- CALLS → ShippingOrderController
- CALLS → ProductionOrderController
- CALLS → IssuingGoodsController
- CALLS → ReturnNoteController
- CALLS → DeliveryNoteController
- CALLS → ExternalServiceController
- CALLS → TransferOrderController
- CALLS → BankController
- CALLS → BankAccountController
- CALLS → CompanyController
- CALLS → AddressController
- CALLS → AddressTypeController
- CALLS → CompanyBranchSettingController
- CALLS → ProcessReasonController
- CALLS → InquiryTypesController
- CALLS → OfferStatusController
- CALLS → OrderChanceController
- CALLS → OrderStatusController
- CALLS → JobListLayoutController
- CALLS → DefaultJobListLayoutController
- CALLS → ProductTypeController
- CALLS → MRQProductTypeController
- CALLS → BookingTargetController
- CALLS → ForecastedBookingController
- CALLS → TeamTargetController
- CALLS → PrincipalTargetController
- CALLS → AccountManagerTargetController
- CALLS → ProductTypeTargetController
- CALLS → FinanceBudgetController
- CALLS → ProductTypeGroupController
- CALLS → NationalityController

- CALLS → EmployeeTypesController
- CALLS → MaritalStatusController
- CALLS → CompanyBranchDepartmentController
- CALLS → ProjectCommentController
- CALLS → ProjectRegisteredController
- CALLS → ShareholdersController
- CALLS → ContactPersonController
- CALLS → ContactPersonReferenceController
- CALLS → ContactPersonRelatedTypeController
- CALLS → RegistrationStatusController
- CALLS → DataSourceController
- CALLS → DashboardController
- CALLS → DashboardDataController
- CALLS → OrderActivationConditionController
- CALLS → MyDeskController
- CALLS → ReactivationReasonsController
- CALLS → DefaultSerialStatusController
- CALLS → ConnectionTypeController
- CALLS → MailToController
- CALLS → NotificationController
- CALLS → NotificationTypeController
- CALLS → ReminderController
- CALLS → SytemNotificationController
- CALLS → SentEmailsController
- CALLS → TimeUnitTypeController
- CALLS → UserEmailSettingController
- CALLS → AssigneeController
- CALLS → AssigneeAccessTypeController
- CALLS → PriorityController
- CALLS → StatusController
- CALLS → TaskController
- CALLS → CommentsController
- CALLS → FileCategoryController
- CALLS → RelatedToTypesController
- CALLS → TagsController

- CALLS → ClientDelayController
- CALLS → DashboardWidgetController
- CALLS → AccountsController
- CALLS → ProductCategoryController
- CALLS → PersonUserController
- CALLS → RoleController
- CALLS → PersonTypeController
- CALLS → PermissionController
- CALLS → RolePermissionsController
- CALLS → JobVersionStatusLogController
- CALLS → JobItemStatusController
- CALLS → JobItemStatusDataController
- CALLS → ProjectController
- CALLS → ProjectStatusController
- CALLS → JobDocumentController
- CALLS → InvoiceController
- CALLS → UpcomingInvoiceController
- CALLS → PaymentController
- CALLS → ImportController
- CALLS → LetterOfGuaranteeController
- CALLS → PmSerialCombinationController
- CALLS → BillOfMaterialController
- CALLS → MaterialsRequisitionController
- CALLS → MRQJobController
- CALLS → MRQJobInquiryController
- CALLS → MRQJobOfferController
- CALLS → MRQJobOrderController
- CALLS → MRQJobProductController
- CALLS → SalesPotentialController
- CALLS → SalesFollowerController
- CALLS → SalesPotentialStatusController
- CALLS → SalesOfferController
- CALLS → SalesOrderController
- CALLS → SalesItemController
- CALLS → CustomFieldController

- CALLS → `PrincipalInvoicePaymentController`
- CALLS → `PrincipalPaymentController`
- CALLS → `PrincipalDeductionController`
- CALLS → `UpcomingPrincipalInvoiceController`
- CALLS → `PurchasingJobController`
- CALLS → `purchasingInquiryController`
- CALLS → `PurchasingOfferController`
- CALLS → `PurchasingOrderController`
- CALLS → `PurchasingItemController`
- CALLS → `PurchasePaymentMilestoneController`
- CALLS → `PmPaymentMilestoneController`
- CALLS → `WordTemplateController`
- CALLS → `AuditController`
- CALLS → `ColorMarkerController`
- CALLS → `ClientProfileController`
- CALLS → `CustomerSurveyController`
- CALLS → `ReferencelistController`
- CALLS → `CostCalculationController`
- CALLS → `SalesJobCostController`

Used by

554 references from 554 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (554)

- `AppRoutingModule` — `Frontend/src/app/app-routing.module.ts :1`
- `AppComponent` — `Frontend/src/app/app.component.ts :1`
- `TranslateHandler` — `Frontend/src/app/app.module.ts :1`
- `MrqDetailsComponent` — `Frontend/src/app/components/MRQ/mrq-details/mrq-details.component.ts :1`
- `MrqInquiryComponent` — `Frontend/src/app/components/MRQ/mrq-details/mrq-inquiry/mrq-inquiry.component.ts :1`
- `MrqListComponent` — `Frontend/src/app/components/MRQ/mrq-list/mrq-list.component.ts :1`
- `MrqService` — `Frontend/src/app/components/MRQ/mrq.service.ts :1`
- `BillOfMaterialsDetailsComponent` — `Frontend/src/app/components/bill-of-materials/bill-of-materials-details/bill-of-materials-details.component.ts :1`

...and 546 more.

