

AppSettings

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AppSettings

Kind: Class**Source:** Pams/Web/Pams.WebApp/Client/app/settings/app/app.settings.ts (line 6)**Part of:** Pams

`AppSettings` is a client-side settings model in `Pams.WebApp` that handles size calculation, origin URL lookup, validation error access, error parsing, equality checks, change detection, and date/time formatting. Components can call it when displaying, validating, or comparing application settings.

Methods

Method	Signature	Returns
<code>CalculateSize</code>	<code>CalculateSize()</code>	<code>void</code>
<code>getOriginUrl</code>	<code>getOriginUrl()</code>	<code>void</code>
<code>getValidationErrorList</code>	<code>getValidationErrorList(errors: ValidationError[])</code>	<code>void</code>
<code>getValidationError</code>	<code>getValidationError(error: ValidationError, messageList: string[])</code>	<code>string[]</code>
<code>ParseError</code>	<code>ParseError(error: any)</code>	<code>string</code>
<code>TimeDifferenceString</code>	<code>TimeDifferenceString(days: number, Sperator: string, title: string)</code>	<code>void</code>
<code>checkEquality</code>	<code>checkEquality(source: any, target: any, pro: string, CalculatedFields: any[])</code>	<code>boolean</code>
<code>DataChanged</code>	<code>DataChanged(source: any, target: any, CalculatedFields: any[])</code>	<code>boolean</code>
<code>ConvertDateToString</code>	<code>ConvertDateToString(dateX: Date)</code>	<code>string</code>

Method	Signature	Returns
ConvertDateToStringEU	ConvertDateToStringEU(dateX: Date)	string
ConvertStringToDate	ConvertStringToDate(data: string)	Date
ConvertStringToDateEU	ConvertStringToDateEU(data: string)	Date
NumeralConversionDefault	NumeralConversionDefault(data: undefined, format: undefined)	string
NumeralConversion	NumeralConversion(data: undefined, format: undefined, currency: undefined)	string
NumeralUnConversion	NumeralUnConversion(data: undefined)	number
UlitizeTime	UlitizeTime(i: number, Sperator: string, title: string)	void

Properties

Property	Type
API_Url_Local	any
API_Url_Remote	any
APIUrl	any
ImgPath	any
API_ProjectProcessWorkflowTypeController	any
API_CategoryController	any
API_AuthController	any
API_UnitController	any
API_CountryController	any
API_CompanyCurrencyController	any
API_OfferController	any
API_OfferItemController	any
API_ItemController	any
API_TimePeriodController	any
API_OfferMileStoneController	any
API_OfferItemVersionController	any

Property	Type
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
API_SerialTypeController	any
API_PaymentMethodController	any
API_DeliveryTermController	any
API_ClientsController	any
API_PersonController	any
API_ClientTypesController	any
API_SupplierTypesController	any
API_MarketSegmentController	any
API_PersonEmailController	any
API_PersonPhoneController	any
API_SupplierController	any
API_CompanyBranchContactInfoController	any
API_ContactInfoController	any
API_CompanyBranchController	any

Property	Type
API_CompanyController	any
API_AddressController	any
API_AddressTypeController	any
API_CompanyBranchSettingController	any
API_ProcessReasonontroller	any
API_InquiryTypesController	any

Where it refuses work

- AppSettings stops the work with an early return when `source && target && source[pro] && source[pro] != target[pro] && CalculatedFields.findInd...` .
- AppSettings stops the work with an early return when `!i` .

Diagram

```
graph LR
    Component[Client Component] --> Settings[AppSettings]
    Settings --> Origin[getOriginUrl]
    Settings --> Validation[getValidationErrorList / getValidationError]
    Settings --> Errors[ParseError]
    Settings --> Changes[checkEquality / DataChanged]
    Settings --> Dates[ConvertDateToString / ConvertDateToStringEU / TimeDifferenceString]
    Settings --> Size[CalculateSize]
```

Usage

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

const settings = new AppSettings();

const originUrl = settings.getOriginUrl();
const validationErrors: string[] = settings.getValidationError();
const hasChanges = settings.DataChanged();

if (!hasChanges && validationErrors.length === 0) {
    console.log(`Settings are ready for ${originUrl}`);
}
```

```
console.log(settings.ConvertDateToString());  
console.log(settings.ParseError());
```

AI Coding Instructions

- Keep method names and casing unchanged, including `CalculateSize` , `DataChanged` , and `ConvertDateToStringEU` .
- Check `getValidationError()` or `getValidationErrorList()` before displaying parsed error text from `ParseError()` .
- Use `DataChanged()` and `checkEquality()` for settings comparisons instead of duplicating comparison logic in components.
- Keep date display logic in `ConvertDateToString()` and `ConvertDateToStringEU()` rather than formatting settings dates in each caller.

Relationships

- IMPORTS → `environment`
- CALLS → `FilesController`
- CALLS → `MarketSegmentController`
- CALLS → `CategoryController`
- CALLS → `UnitController`
- CALLS → `CountryController`
- CALLS → `CompanyCurrencyController`
- CALLS → `OfferController`
- CALLS → `ItemController`
- CALLS → `TimePeriodController`
- 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 → CompanyController
- CALLS → AddressController
- CALLS → AddressTypeController
- CALLS → CompanyBranchSettingController
- CALLS → ProcessReasonController
- CALLS → InquiryTypesController
- CALLS → OfferStatusController
- CALLS → OrderChanceController
- CALLS → OrderStatusController
- CALLS → JobListLayoutController
- CALLS → DefaultJobListLayoutController
- CALLS → ProductTypeController
- CALLS → BookingTargetController
- CALLS → NationalityController
- CALLS → EmployeeTypesController
- CALLS → MaritalStatusController

- CALLS → CompanyBranchDepartmentController
- CALLS → ProjectCommentController
- CALLS → ProjectRegisteredController
- CALLS → ShareholdersController
- CALLS → ContactPersonController
- CALLS → ContactPersonRelatedTypeController
- CALLS → RegistrationStatusController
- CALLS → DataSourceController
- CALLS → DashboardController
- CALLS → ReactivationReasonsController
- CALLS → DefaultSerialStatusController
- CALLS → ConnectionTypeController
- CALLS → MailToController
- CALLS → NotificationController
- CALLS → NotificationTypeController
- CALLS → ReminderController
- CALLS → SentEmailsController
- CALLS → TimeUnitTypeController
- CALLS → UserEmailSettingController
- CALLS → AssigneeController
- CALLS → AssigneeAccessTypeController
- CALLS → StatusController
- CALLS → TaskController
- CALLS → CommentsController
- CALLS → RelatedToTypesController
- CALLS → TagsController
- CALLS → ClientDelayController
- CALLS → DashboardWidgetController
- CALLS → AccountsController
- CALLS → PersonUserController
- CALLS → RoleController
- CALLS → PersonTypeController
- CALLS → PermissionController

- CALLS → RolePermissionsController
- CALLS → JobVersionStatusLogController
- CALLS → JobItemStatusController
- CALLS → JobItemStatusDataController
- CALLS → ProjectController
- CALLS → ProjectStatusController
- CALLS → JobDocumentController

Used by

110 references from 110 files. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Imported by (110)

- BaseEdit — Pams/Web/Pams.WebApp/Client/app/core/components/base-edit.component.ts :1
- CoreModule — Pams/Web/Pams.WebApp/Client/app/core/core.module.ts :1
- BaseApi — Pams/Web/Pams.WebApp/Client/app/core/services/api/base-api.service.ts :1
- PreviousPageService — Pams/Web/Pams.WebApp/Client/app/core/services/previous-page.service.ts :1
- AssigneeAccessTypeService — Pams/Web/Pams.WebApp/Client/app/services/Tasks/assignee-access-type.service.ts :1
- AssigneeService —
Pams/Web/Pams.WebApp/Client/app/services/Tasks/assignee.service.ts :1
- PrioritiesService —
Pams/Web/Pams.WebApp/Client/app/services/Tasks/priorities.service.ts :1
- StatusService — Pams/Web/Pams.WebApp/Client/app/services/Tasks/status.service.ts :1

...and 102 more.