



What's new with ABP 8.2?



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Overall

<https://blog.abp.io/abp/announcing-abp-8-2-release-candidate>

- Blazor Full-Stack Web App UI
- Introducing the **IBlockUiService** for Blazor UI
- Case-Insensitive Indexes for MongoDB
- Session Management
- Suite: **File/Image** Property
- Suite: **DateOnly** & **TimeOnly** Types
- Periodic Log Deletion for Audit Logs

Blazor Full-Stack Web App UI

ASP.NET Blazor in .NET 8 allows you to use a single powerful component model to handle all of your web UI needs, including **server-side rendering, client-side rendering, streaming rendering, progressive enhancement**, and **much more...**

ABP v8.2.x supports the new [Blazor Web App](#) template, which you can directly create from either Suite or CLI with the following command:

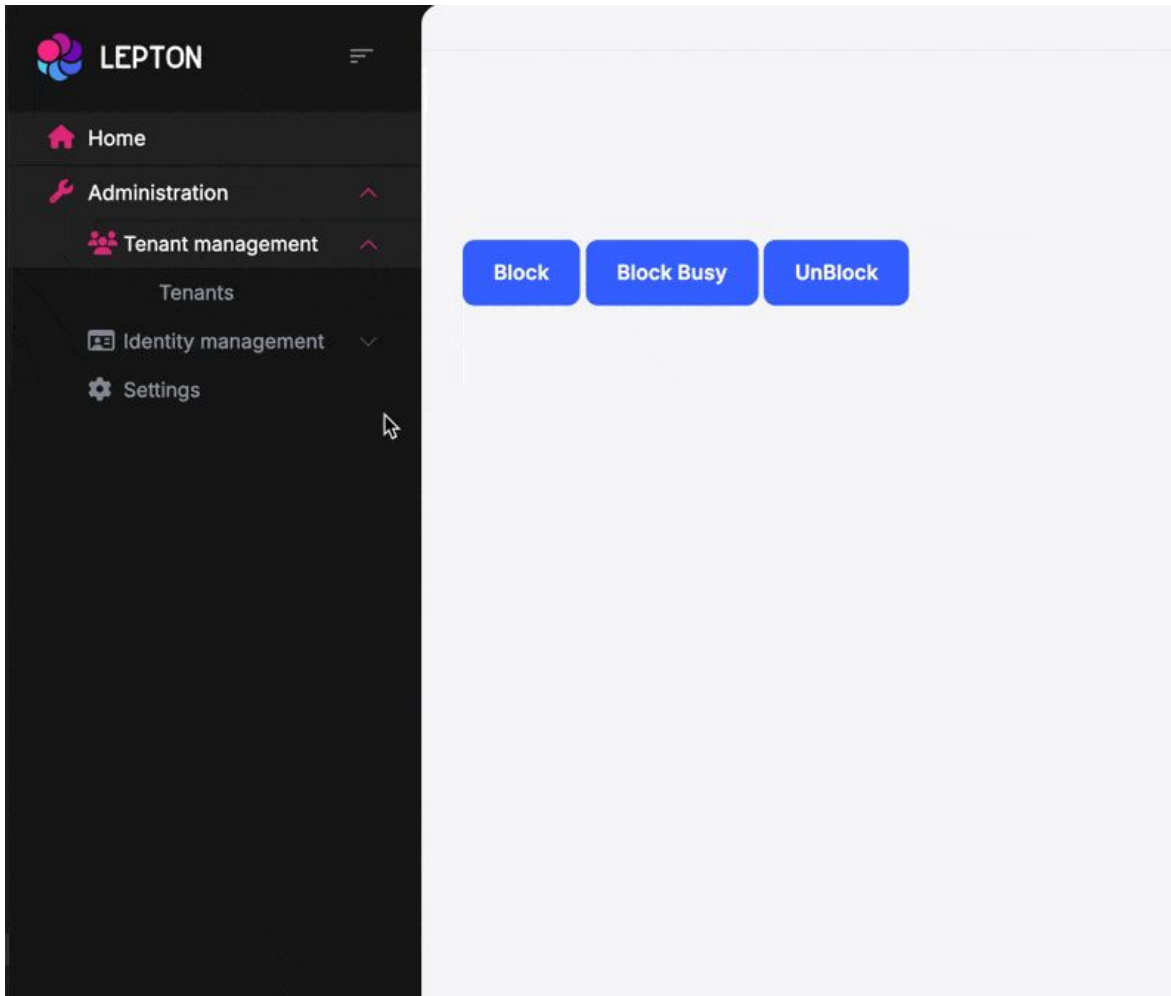
```
abp new BookStore -t app -u blazor-webapp
```

Blazor Full-Stack Web App UI

When you create the project, you will typically see two main projects for Blazor UI, besides other projects:

- ***.Blazor.WebApp** (startup project of your application and contains the **App.razor** component, which is the root component of your application)
- ***.Blazor.WebApp.Client**

IBlockUiService for Blazor UI



```
//Inject the IBlockUiService
private readonly IBlockUiService _blockUiService;

public MyClass(IBlockUiService _blockUiService)
{
    _blockUiService = blockUiService;
}

//Blocking the element
await _blockUiService.Block(selectors: "#MySelectors", busy: true);

//Unblocking the element
await _blockUiService.UnBlock(selectors: "#MySelectors");
```

Case-Insensitive Indexes for MongoDB

```
protected override void CreateModel(IMongoModelBuilder modelBuilder)
{
    base.CreateModel(modelBuilder);

    modelBuilder.Entity<Question>(b =>
    {
        b.CreateCollectionOptions.Collation = new Collation(locale:"en_US", strength: CollationStrength.Secondary);

        b.ConfigureIndexes(indexes =>
        {
            indexes.CreateOne(
                new CreateIndexModel<BsonDocument>(
                    Builders<BsonDocument>.IndexKeys.Ascending("MyProperty"),
                    new CreateIndexOptions { Unique = true }
                )
            );
        }
    );
});
}
```


<https://docs.abp.io/en/abp/8.2/MongoDB#configure-indexes-and-createcollectionoptions-for-a-collection>

Session Management


The screenshot shows the 'Settings' page for 'Identity management'. The left sidebar lists 'Account', 'CMS', 'Emailing', 'Feature management', and 'Identity management' (which is highlighted). The main content area is titled 'Session' and has two tabs: 'General' and 'Sessions' (which is active). Under the 'Sessions' tab, there is a section 'Prevent concurrent login' with a dropdown menu currently set to 'Disabled'. Below this, a text label reads 'The behavior to prevent concurrent logins'. There are three expandable sections: 'Disabled' (Users can stay logged in across multiple platforms.), 'Logout from same type devices' (Users can keep their sessions active only on different platforms. Only the most recent session is allowed on the same platform. For example, users cannot have 2 different web browser sessions.), and 'Logout from all devices' (The system denies concurrent logins; therefore, users can only have 1 active session, which is the most recent one.). At the bottom of the settings area is a blue 'Save' button.

- Prevents concurrent login
 - From same type of devices
 - From all devices (mobile, web, etc...)
 - Or disable it completely (allow concurrent login)
- Allows to manage user sessions


<https://docs.abp.io/en/commercial/8.2/modules/identity/session-management>





admin
admin@abp.io





admin


 Linked accounts


 Authority delegation


 My account

 Security logs

 Sessions

 Personal data

 Email preferences

 Log out

Identity management

Users

Users

Search

Advanced filters ▾

ACTIONS	USER NAME ▾	EMAIL ADDRESS ▾	ROLES	PHONE NUMBER ▾	NAME ▾	SURNAME ▾	ACTIVE ▾	ACCOUNT LOCKOUT ▾
<div><div>⚙️ Actions ▾</div><div><div>View details</div><div>Edit</div><div>Claims</div><div>Permissions</div><div>Set password</div><div>Two factor</div><div>Sessions</div></div></div>	admin	admin@abp.io	admin		admin		✓	✓

Show 10 ▾ entries Showing 1 to 1 of 1 entries

Sessions



ACTIONS	DEVICE ▾	DEVICE INFO ▾	SIGNED IN DATE ▾	LAST ACCESS DATE ▲
<div>⚙️ Actions ▾</div>	Web ●	Current session Chrome	4/12/2024, 10:41 AM	4/12/2024, 11:06 AM
<div>⚙️ Actions ▾</div>	Web	Mac Safari	4/12/2024, 10:48 AM	4/12/2024, 10:48 AM

Show 10 ▾ entries Showing 1 to 2 of 2 entries

Previous 1 Next

Close

Suite: **File/Image** Property

Define property

Property name • ?

CoverImage

Property type

File

☐ Nullable

☒ Show on the list page

☒ Show on the create modal

☒ Show on the update modal > ☐ Readonly

Cancel

OK

New Author

Cover Image

Choose File

README (1).md

Name

author-with-file

Cancel




✓ Save



Suite: **DateOnly** & **TimeOnly** Types

Properties

[+ Add property](#)

Property name	Property type	Sorting field		
 Name	string	Unsorted	Unsorted	Edit Delete
 PublishDate	DateOnly	Unsorted	Unsorted	Edit Delete
 PublishTime	TimeOnly	Unsorted	Unsorted	Edit Delete

Note: The **DateOnly** and **TimeOnly** structures were introduced with .NET 6. With ABP v8.2, all startup templates target single target framework, so if you created your project before ABP v8.2, please make sure that all of your projects' target frameworks are .NET 8+.



Books

Export to Excel

+ New Book

Search



Advanced filters

Name

Min Publish Date

Max Publish Date

Min Publish Time

4/16/2024

4/20/2024

--:--



Max Publish Time

--:--



ACTIONS

NAME ▾

PUBLISH DATE ▾

PUBLISH TIME ▾



Actions ▾

book1

4/20/2024

11:05:00



Actions ▾

book2

4/17/2024

17:00:00

Show 10 ▾ entries

Showing 1 to 2 of 2 entries

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Periodic Log Deletion for Audit Logs

Account

Audit logs

Emailing

Feature management

Identity management

General

Global

Global

☒ Enable clean up service system wide

If this option is disable the periodic deleter won't work. Audit logs won't be deleted automatically.

☒ Enable clean up service for all tenants and host

If this option is enable all tenants and host expired items deleted automatically. Unless has a specific setting.

Expired item deletion period

14

day(s)

Audit logs before 3/5/2024 will be deleted.

Save

<https://docs.abp.io/en/commercial/8.2/modules/audit-logging#audit-log-settings>

After enabling the system wide clean up service, then you can configure the global **“Expired item deletion period”** for all tenants and hosts 🙌

Account

Audit logs

Identity management

General

General

☒ Enable clean up service

If this option is enable expired items deleted automatically.

Expired item deletion period30day(s)

Audit logs before 2/3/2024 will be deleted.

Save

Migration Guides

- [ABP Framework 8.x to 8.2 Migration Guide](#)
- [ABP Commercial 8.x to 8.2 Migration Guide](#)
- [Migrating to Blazor Web App](#)