Shield

Umbraco active security modules

# Installation

### Installing via Nuget

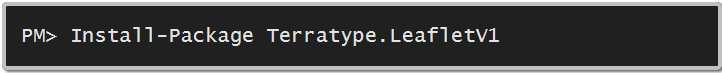
This Umbraco package can be installed via Nuget

The first part is the Shield framework, which coordinates the different security apps, which can be found here

<https://www.nuget.org/packages/Our.Shield.Core/>



And the second part is the Shield apps, which provides the active security. Note, there are no restriction on the number of shield apps that can be installed. If you want, install them all using Nuget, to gain the full benefits of what Shield can provide.

* **Backoffice Access**   
  Gives you the ability to configure the backoffice access URL - by default and out-of-the-box, it's /umbraco/ - Allows you to restrict your desired backoffice access URL via a white-list of IP Addresses and rewrite or redirect unauthorised access to a location of your choice.  
    
  <https://www.nuget.org/packages/Our.Shield.BackofficeAccess>  
    
  
* Media Protection  
  Media Protection allows you to disable [Hotlinking](https://simple.wikipedia.org/wiki/Hotlinking) and the ability to secure your media to only be accessed by authenticated users.  
    
  <https://www.nuget.org/packages/Our.Shield.MediaProtection>  
    
  

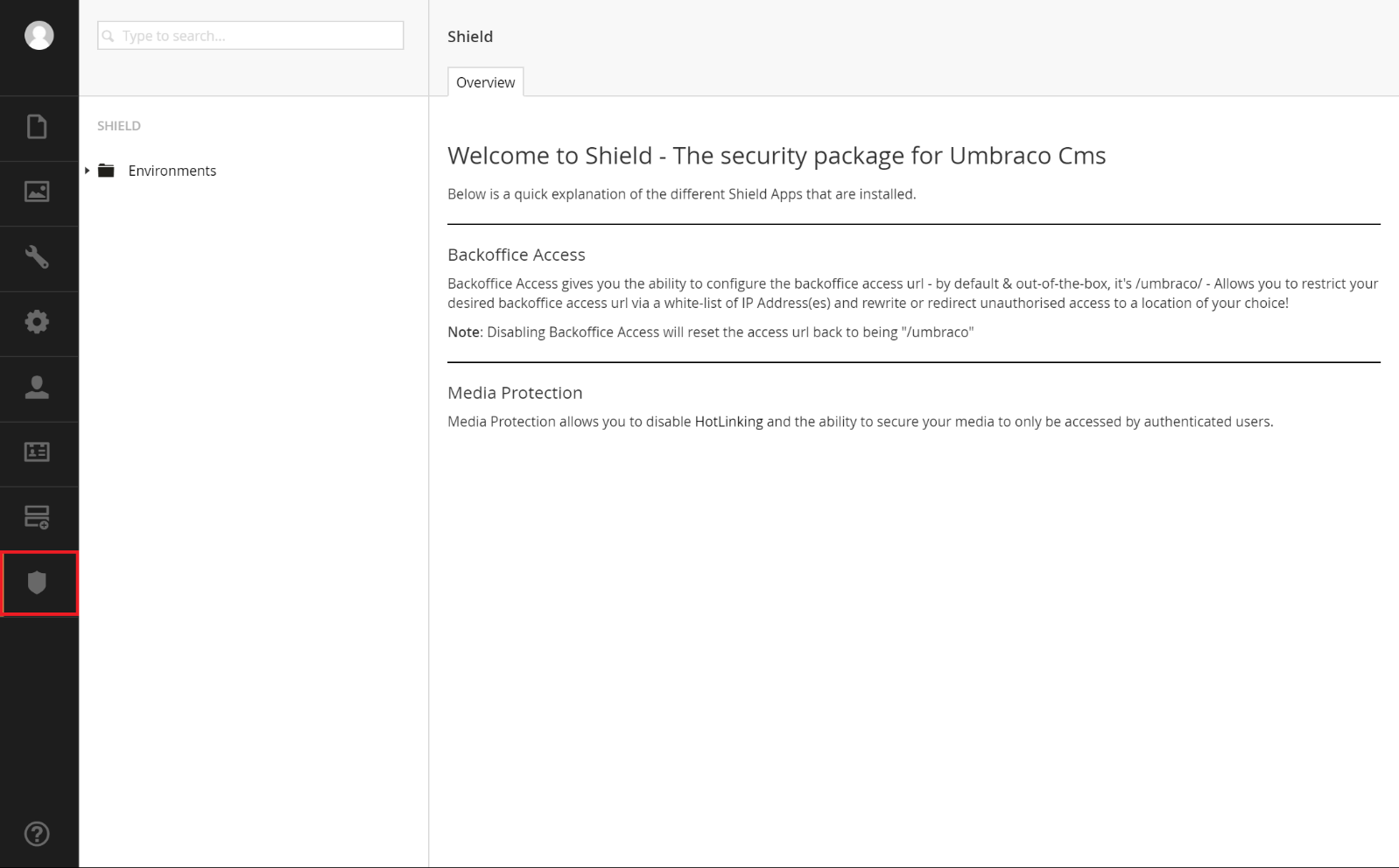
### Installing via Umbraco Package

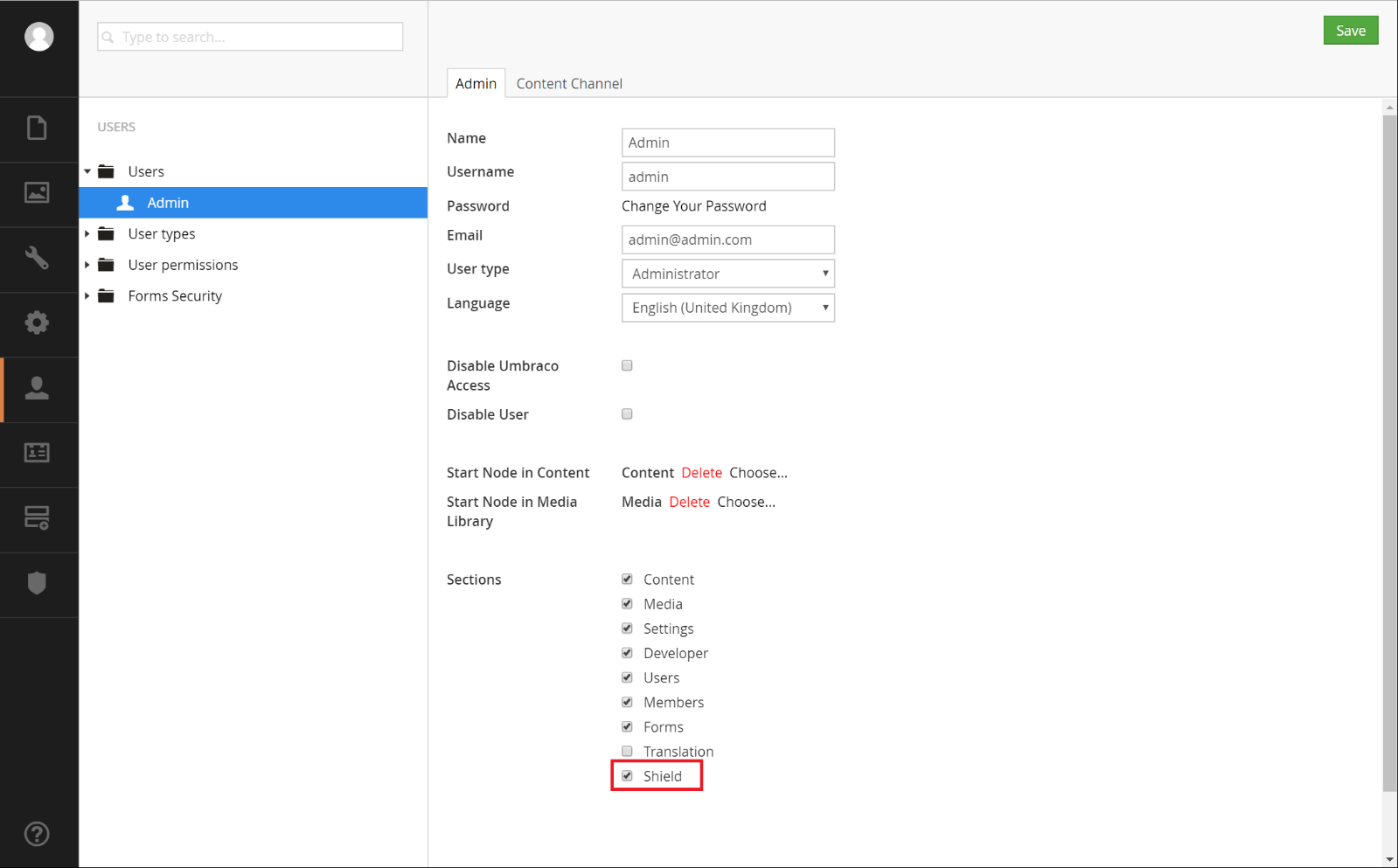
[https://our.umbraco.org/projects/backoffice-extensions/Our.Shield/](https://our.umbraco.org/projects/backoffice-extensions/terratype/)

This installation contains the Shield framework, and all available Shield apps

# Our.Shield.Core

Our.Shield.Core is the framework for the Our.Shield Umbraco package. It contains the custom section to be displayed in Umbraco, does the ‘heavy’ lifting for the installed app(s).

Once installed, you should see a new custom section within the backoffice of Umbraco.

If the new section doesn’t display, you’ll need to allow the currently logged in user to have access to the Shield section via the users’ section:

## Environments Node

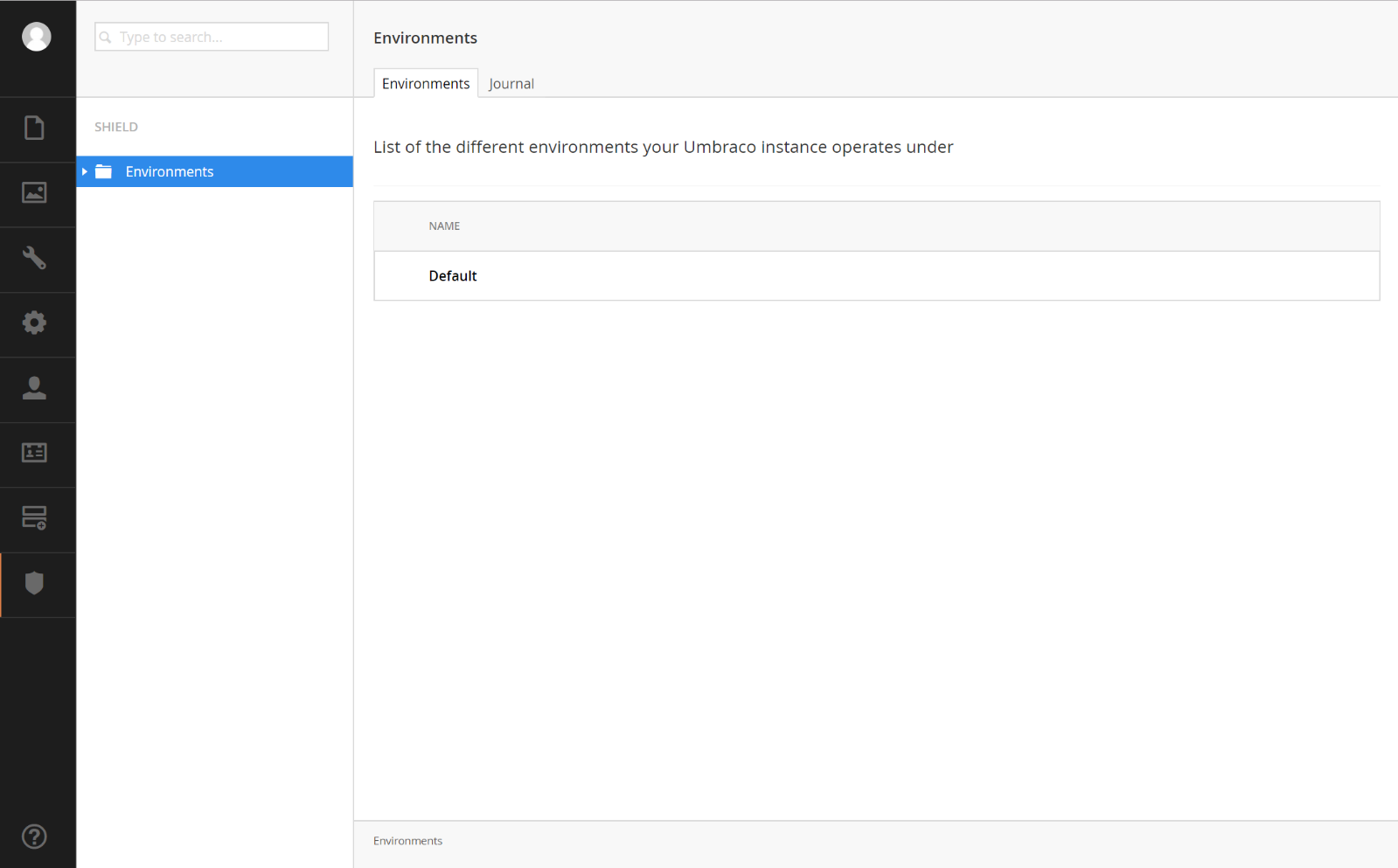
The Environments node will display all configured environments on the “Environments” tab and a Journal on the “Journal” tab, see below for an explanation of these 2 tabs.

### Environments Tab

The environments tab will display a table listing the environments that have been created. By default, there will be a “Default” environment when Shield is installed against an Umbraco installation. At present, there isn’t the ability to create more environment(s) for Shield. This will be coming in the next release of Shield. The purpose of an environment will allow you to have different Shield apps that are installed to be configured differently dependant on the environment’s purpose, with the ability to define the domain(s) that are for that environment. An example of an environment could be used in conjunction with the Backoffice Access shield app to define different white-list of IP addresses that can gain access to the configured backoffice access URL for the different sites, for example, say you have 2 websites within the same Umbraco installation:

1. site.com
2. site.co.uk

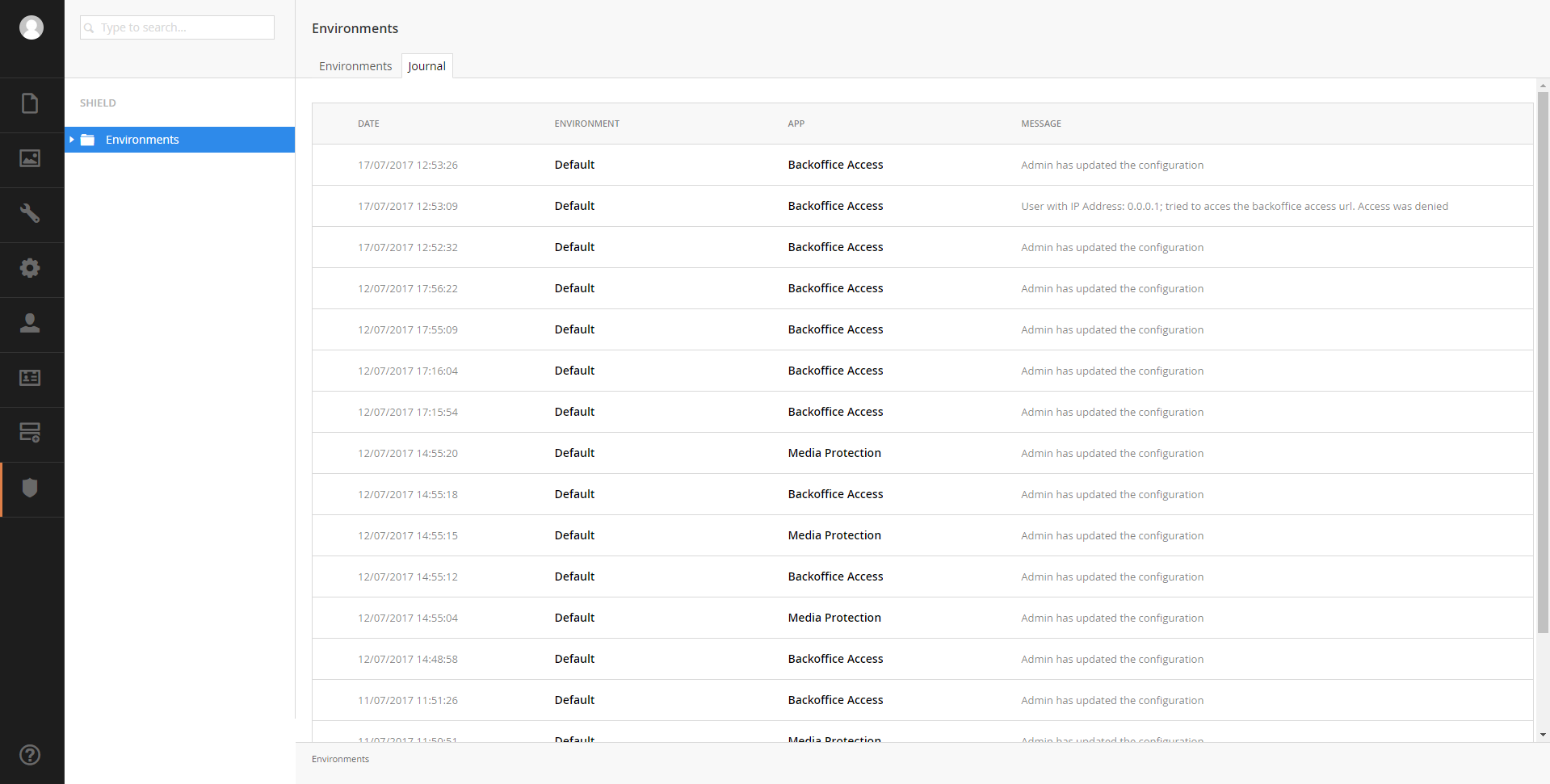
You could setup site.com to only allow Backoffice Access to those that can manage the site via a white-list of IP addresses, with a URL of “/admin/” and site.co.uk with a different white-list of IP addresses with a Backoffice Access URL of “/content/”.



### Journal Tab

The Journal tab will display all journal items (logs) that have been created by the different environment(s) & shield app(s). A Journal is composed of the following:

* Date & time of when the Journal item was created
* The environment of the app that created the Journal item
* The app that created the Journal item
* A message of why the Journal item was created.

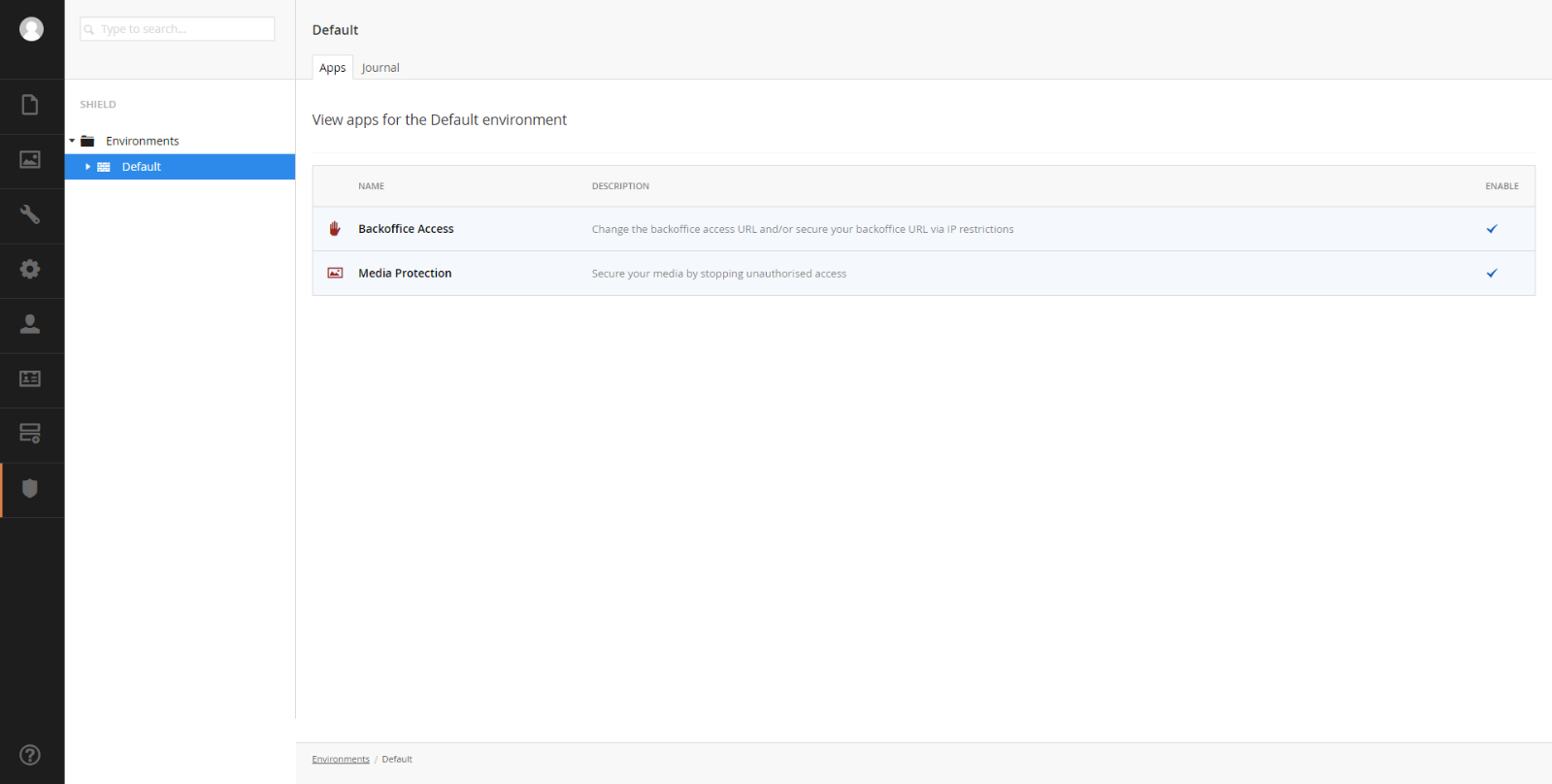


## Environment Node

The Environment node will display all installed apps on the “Apps” tab and a Journal on the “Journal” tab, see below for an explanation of these 2 tabs.

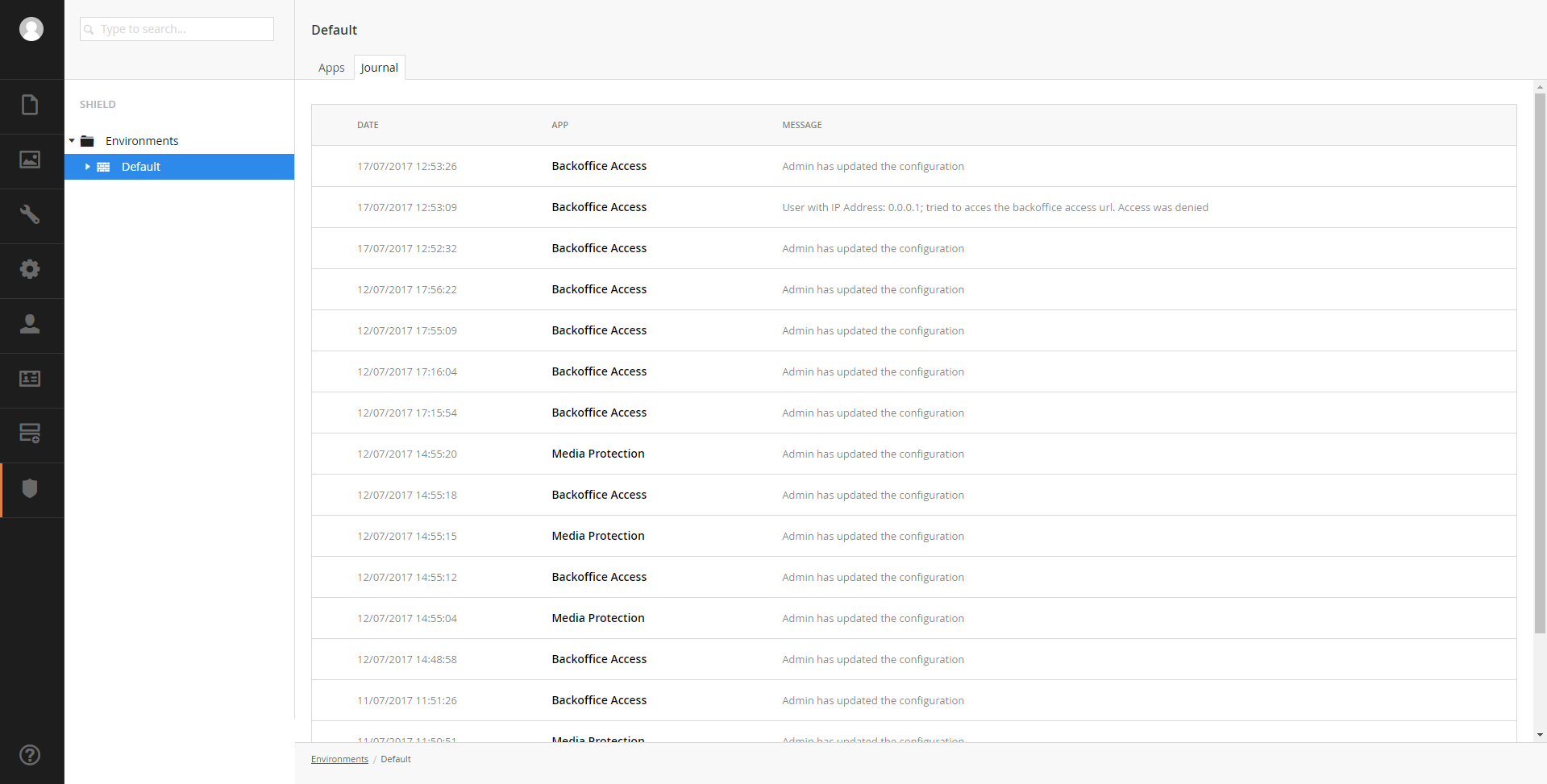
### Apps Tab

The Apps tab will display a listing of the Shield apps that are installed, showing the name of the app, the description of the app, and whether or not the app is enabled. Clicking on the app name will open up the app’s configuration, where you can make changes to it.



### Journal Tab

Similar to the Environments node’s Journal tab, this will display the Journal items only for the selected environment. The difference being, the environment column is not included.



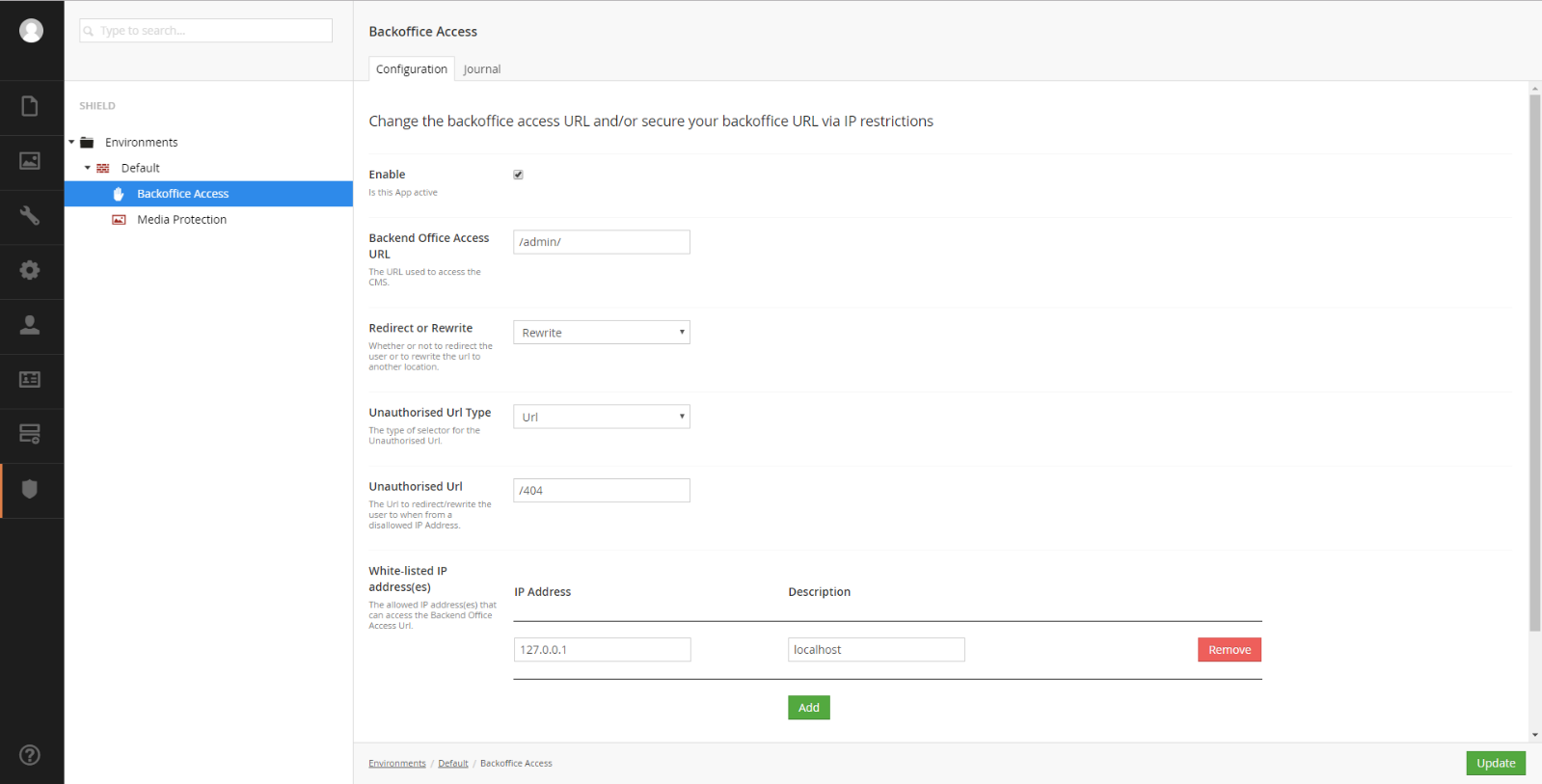
# Our.Shield.BackofficeAccess

Once Backoffice Access has been installed, you should find a new node within the tree to access the app’s Configuration and Journal.

## Configuration Tab

The configuration gives you the ability to enable or disable the Shield app, configure the backoffice access URL (by default and out-of-the-box, it’s /umbraco/). The ability to redirect or rewrite unauthorised access to a location of your choice, with the ability to specify the location via:

* URL – Textbox to allow you to specify the page. i.e. /404
* XPath – Textbox to allow you to specify the path to the page. i.e. //standardPage[@isDoc AND @nodeName=’404 Not Found’]  
  OR
* Content Picker – Provides you a content section content picker to select the desired page.



Lastly, the configuration allows you to define a white-list of IP Address(es) of whom can access the desired backoffice access URL – don’t forget to add localhost! You have the ability to specify the IP Address(es) in IPv4 or IPv6 notation with optionally specifying the cidr. For each white-listed IP address, you can optionally have a short description to identify what the IP address is for, so you don’t forget its purpose!

## Journal Tab

Similar to the other Journal tabs mentioned above, the difference being, only the selected app’s journal will be displayed and the Environment/App columns are not included.

