

## Baikal on IIS Windows Server 2008R2, 2012, 2012R2

I figured out what was the problem with Baikal using IIS. You need to set some things in order to let it work.

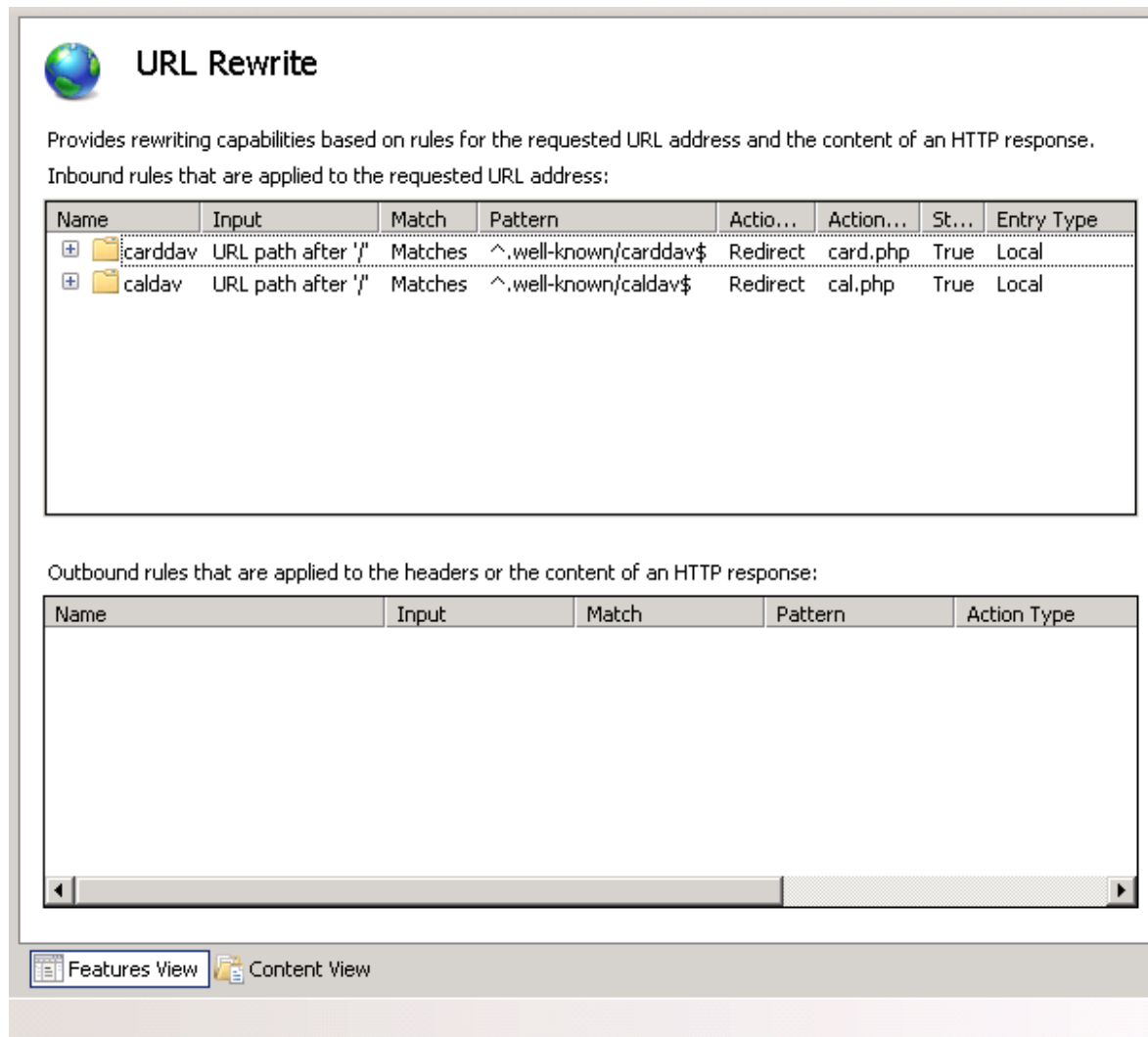
First of all, you need 2 rewrite rules. If you do not have URL Rewrite installed, you need to download it and install it for IIS.


You need 2 rules. One for carddav and one for caldav.

It will redirect to card.php or cal.php in a proper way.

With these rules I've got an iPhone, Android (with the app DAVdroid) and Windows Clients like Thunderbird and eMClient up and running!



### Rewrite rules



 **URL Rewrite**



Provides rewriting capabilities based on rules for the requested URL address and the content of an HTTP response.

Inbound rules that are applied to the requested URL address:

Name	Input	Match	Pattern	Actio...	Action...	St...	Entry Type
 carddav	URL path after '/'	Matches	^,.well-known/carddav\$	Redirect	card.php	True	Local
 caldav	URL path after '/'	Matches	^,.well-known/caldav\$	Redirect	cal.php	True	Local

Outbound rules that are applied to the headers or the content of an HTTP response:

Name	Input	Match	Pattern	Action Type
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 Features View  Content View



## Edit Inbound Rule

Name:

carddav

### Match URL

Requested URL:

Matches the Pattern

Using:

Regular Expressions

Pattern:

^.well-known/carddav\$

Test pattern...

Ignore case

### Conditions

Logical grouping:

Match All

Input	Type	Pattern	
{REQUEST_FILENAME}	Is Not a File	N/A	
{REQUEST_FILENAME}	Is Not a Directory	N/A	

Add...

Edit...

Remove

Move Up

Move Down

Track capture groups across conditions

Server Variables

Action

Action

Action type:

Redirect

Action Properties

Redirect URL:

card.php

Append query string

Redirect type:

Permanent (301)

Features View

Content View



## Edit Inbound Rule

Name:

caldav

Match URL

Requested URL:  Using:

Pattern:  [Test pattern...](#)

Ignore case

Conditions

Logical grouping:

Input	Type	Pattern
{REQUEST_FILE...	Is Not a File	N/A
{REQUEST_FILE...	Is Not a Directory	N/A

Track capture groups across conditions

[Add...](#)  
[Edit...](#)  
[Remove](#)  
[Move Up](#)  
[Move Down](#)

Server Variables

Action

Action type:

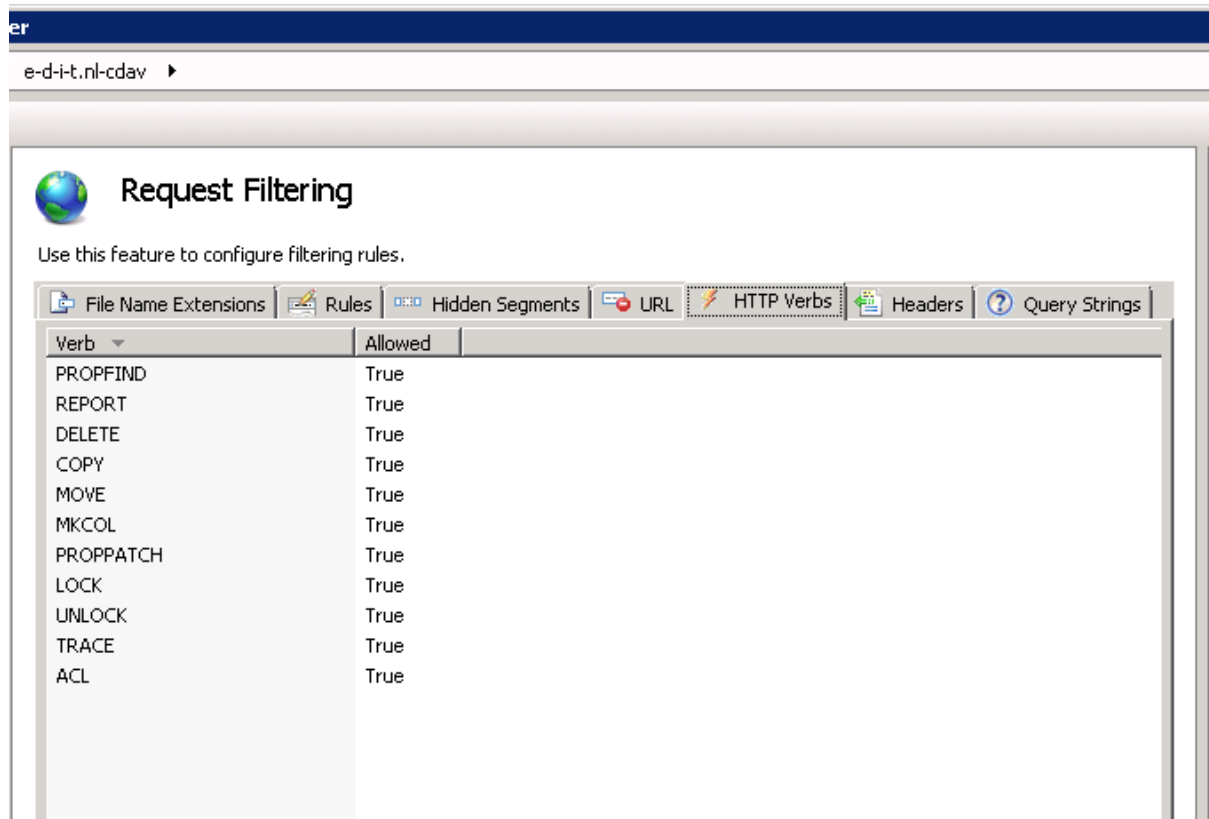
Action Properties

Redirect URL:

Append query string

## Set HTTP Verbs

The last thing which needs to be set is something with http Verbs. By default IIS has none set, and Baikal and all CARD/CALDAV usable devices seem to need these verbs specifically enabled.



And finally, I used an SSL certificate in order to get rid of the nagging “is it ok as it is not a secure blabla” on my iPhone, but it seems you can actually do without it.

You can actually get a free SSL certificate at <https://startssl.com/>

### Example CARDDAV using Mozilla Thunderbird mailclient:

http(s)://www.mydomain.com/card.php/addressbooks/me%40mydomain.com/default

### Example CARDDAV using Roundcube webmail:

http(s)://www.mydomain.com/card.php/addressbooks/me@mydomain.com/default

### Example CARDDAV using my iPhone:

http(s)://www.mydomain.com/card.php/principals/me@mydomain.com/

### Example CALDAV using Roundcube webmail:

http(s)://www.mydomain.com/cal.php/calendars/me@mydomain.com/default

### Example CALDAV using my iPhone:

http(s)://www.mydomain.com/cal.php/principals/me@mydomain.com/