Installing IIS on Windows 7

If you're a web developer, you probably have IIS already installed on your PC, so you can skip this section. Also if you installed WhizBase on your server (windows 2000, 2003, 2008 or 2012) you do not need to read this section.

Installing IIS on Windows 7 (same is for Vista and Windows 8) is done through Control panel, "Programs and Features":



When you open Programs and Features, click the option "Turn Windows features on or off" on the left menu:

		And a state of the state of the	1.1				x
Control Panel	All Control Panel Items Programs and Features		- - 4 9	Search Progra	ams and Features	;	Q
Control Panel Home	Uninstall or change a program						
View installed updates	To uninstall a program, select it from the list and th	en click Uninstall, Change, or Repair.					
🛞 Turn Windows features on or							
off	Organize 🔻				=	•	0
	Name	Publisher	Installed On	Size	Version		-
	🖊 Adobe Flash Player 13 Plugin	Adobe Systems Incorporated	15.4.2014.	6,00 MB	13.0.0.182		
	Adobe Reader XI (11.0.06)	Adobe Systems Incorporated	3.4.2014.	128 MB	11.0.06		
	🐲 AMD Catalyst Install Manager	Advanced Micro Devices, Inc.	28.1.2013.	26,2 MB	3.0.859.0		
	BH Telecom Connection Manager		9.6.2013.		1.0.0.1		E
	🚇 Conexant SmartAudio HD	Conexant	28.1.2013.		8.54.29.0		
	ConTEXT v0.98.6	ConTEXT Project Ltd	29.1.2013.				
	Dell Touchpad	ELAN Microelectronic Corp.	28.1.2013.		11.3.3.5		
	💷 doPDF 7.3 printer	Softland	15.11.2013.	13,7 MB	7.3.393		
	🐒 DW WLAN Card Utility	Dell Inc.	28.1.2013.		6.20.55.49		
	T-Secure	F-Secure Corporation	25.2.2014.		1.99.192.0		
	/ ImageMagick 6.8.0-3 Q16 (2012-11-01)	ImageMagick Studio LLC	5.9.2013.	71,2 MB	6.8.0		
	⊌ ImgBurn	LIGHTNING UK!	9.3.2013.		2.5.7.0		
	Intel(R) Turbo Boost Technology Monitor 2.0	Intel	28.1.2013.	13,2 MB	2.1.23.0		
	😹 Intel® Display Audio Driver	Intel Corporation	28.1.2013.		6.14.00.3090		
	👰 Intel® Rapid Storage Technology	Intel Corporation	28.1.2013.	18,4 MB	11.7.0.1013		
	3 Intel® USB 3.0 eXtensible Host Controller Driver	Intel Corporation	28.1.2013.	18,4 MB	1.0.4.220		
	🕌 Java 7 Update 13	Oracle	15.2.2013.	129 MB	7.0.130		
	📑 Kyocera Product Library	Kyocera Mita Corporation	18.2.2013.		2.0.0713		
	Microsoft .NET Framework 4.5.1	Microsoft Corporation	29.1.2014.	38,8 MB	4.5.50938		
	B Microsoft Office FrontPage 2003	Microsoft Corporation	11.12.2013.	683 MB	11.0.8173.0		-
	Currently installed programs Total size: 54 programs installed	1,91 GB	20.40.2042				

And you'll get "Windows features" dialog. Scroll down to the "Internet information services" and select at least these two options shown on following image:



Selecting other options (together with these) will do no harm, but they are not required for WhizBase to function properly. Click "OK" and wait for system to complete installation.

Configuring IIS and setting permissions

When is completed you'll be able to configure IIS to work with WhizBase. Open "Internet Information Services (IIS) Manager" (Start menu -> Administrative tools->Internet Information Services (IIS) Manager)



Once you open the IIS manager the server (not a particular web site) and open "Handler mappings":



Now click Add Script Map as shown on following image:

Internet Information Services (IIS) M	lanager	-		
FAIK-PC-DELL-L	⊺ ▶			🖸 🛛 🟠 🔞 🗸
<u>F</u> ile <u>V</u> iew <u>H</u> elp				
Connections	Handler Mappin Use this feature to specify the reso that handle responses for specific	NGS purces, such as DLLs a request types.	nd managed code,	Actions Add Managed Handler Add Script Map Add Wildcard Script Map
DO Sites	Group by: State -			Add Module Mapping
	Name	Path	State 🔺	Edit Feature Permissions
	Disabled			View Ordered List
	CGI-exe	*.exe	Disabled	🕐 Help
	ISAPI-dll	*.dll	Disabled	Online Help
	Enabled		======	
	ASPClassic	*.asp	Enabled	
	aspq-Integrated-4.0	*.aspq	Enabled	
	aspq-ISAPI-4.0_32bit	*.aspq	Enabled	
	aspq-ISAPI-4.0_64bit	*.aspq	Enabled	
	AssemblyResourceLoader-Inte	WebResource.axd	Enabled	
	AXD-ISAPI-4.0_32bit	*.axd	Enabled	
	AXD-ISAPI-4.0_64bit	*.axd	Enabled	
	cshtm-Integrated-4.0	*.cshtm	Enabled	
	cshtm-ISAPI-4.0_32bit	*.cshtm	Enabled	
	cshtm-ISAPI-4.0_64bit	*.cshtm	Enabled	
	cshtml-Integrated-4.0	*.cshtml	Enabled	
	cshtml-ISAPI-4.0_32bit	^.cshtml	Enabled	
	CShtml-ISAPI-4.0_64Blt	*	Enabled	
	ExtensionlessUrlHandler-Integ	*	Enabled	
	Extensionless IrlHandler-ISAPI	*	Enabled	
	HttpRemotingHandlerFactory	* rem	Enabled	
	HttpRemotingHandlerFactory	*.rem	Enabled	
	HttpRemotingHandlerFactory	*.rem	Enabled	
	•		4	
L	Easterna View Constant V			
4 III +		v		
Configuration: 'localhost' applicationH	ost.config	_		9].::

and add following:

Request path: .wbsp

Executable: C:\wbsp\WBSP.exe (assuming you have installed WhizBase in C:\wbsp\)

Name: WhizBase

Leave "Request restrictions" unchanged (default) and click "OK" button

Add Script Map	Tab.	8 x
Request <u>p</u> ath:		
*.wbsp		
Example: *.bas, wsvc.axd		
Executable:		
C:\wbsp\WBSP.exe		
<u>N</u> ame:		
WhizBase		
Request Restrictions		
	ОК	Cancel

Click "Yes" on the confirmation window shown below:

Add Script	Map
Ĵ	Do you want to allow this ISAPI extension? Click "Yes" to add the extension with an "Allowed" entry to the ISAPI and CGI Restrictions list or to update an existing extension entry to "Allowed" in the ISAPI and CGI Restrictions list.
	Yes No Cancel

Now, there's only one thing left setting proper access rights on your wwwroot directory (default is c:\inetpub\wwwroot). To do this, navigate your Windows Explorer (Not Internet Explorer) to C:\inetpub\, and right-click folder wwwroot, then select "Properties", and click the "Security" tab, then click "Edit" button:

👢 www.root Proper	ties			×
General Sharing	Security	Previous Versio	ons Customi	ze
Object name: C:	\inetpub\	wwwroot		
Group or user name	es:			
& SYSTEM				
& Administrators	(Faik-PC-	Dell-LT\Adminis	trators)	
& Users (Faik-P	C-Dell-LT\	Users)		
	sik.PC.Na		3	
				-
To change permiss	ions, click	Edit.	(<u>E</u> d	it])
Permissions for CR	EATOR			
OWNER		A	llow D	eny
Full control				
Modify				
Read & execute				Ξ
List folder conter	nts			
Read				
Write				Ŧ
For special permissi click Advanced.	ions or ad	vanced settings	. Ad <u>v</u> a	inced
Learn about acces	<u>s control a</u>	and permissions		
	0	K Ca	ancel	Apply

On next dialog select "Add" button:

Permissions for www.root		×		
Security				
Object name: C:\inetpub\www.roo	t			
Group or user names:				
& SYSTEM				
Administrators (Faik-PC-Dell-LT	Administrators)	_		
Users (Faik-PC-Dell-LT\Users)		=		
IIS_IUSRS (Faik-PC-Dell-LT\IIS	S_IUSRS)			
K TrustedInstaller		Ŧ		
		•		
	Add	Remove		
Permissions for CREATOR OWNER	Allow	Deny		
Full control				
Modify				
Read & execute				
List folder contents				
Read		-		
Leam about access control and permissions				
ОК	Cancel	Apply		

Enter iusr in box labeled "Enter the object names or select" and click "Check names"

? ×
Object Types
Locations
(Check Names
OK Cancel

If system does not report an error ("Name not found"), click OK. If it does, check the value you entered, then click "Check names" again, and click "OK".

Once you get back to security permissions dialog, select IUSR in upper list and then check "Allow" check box in "Full control" row in lower list, and then click "OK" (see image below):

Permissions for wwwroot		×	
Security			
Object name: C:\inetpub\www	root		
Group or user names:			
& CREATOR OWNER			
USR			
SYSTEM		=	
Administrators (Faik-PC-Dell-	LT\Administrators)		
& Users (Faik-PC-Dell-LT\User	rs)	-	
·		•	
	A <u>d</u> d	<u>R</u> emove	
Permissions for IUSR	Allow	Deny	
Permissions for IUSR Full control	Allow	Deny	
Permissions for IUSR Full control Modify	Allow	Deny	
Permissions for IUSR Full control Modify Read & execute	Allow	Deny	
Permissions for IUSR Full control Modify Read & execute List folder contents	Allow	Deny	
Permissions for IUSR Full control Modify Read & execute List folder contents Read	Allow	Deny	
Permissions for IUSR Full control Modify Read & execute List folder contents Read Leam about access control and p	Allow Allow V V V V Demissions	Deny	

Congratulations! You installed WhizBase and configured IIS and file system to work with it.