Vision and requirements

# Vision

There are several file upload components available for ASP.NET. Most of them are expensive and only [NeatUpload](http://www.brettle.com/neatupload)  is open source. None of them is built on ASP.NET Ajax extensions. A first objective is to provide open source file upload components implementing ASP.NET Ajax extensions.

These components come with samples but none of them are released with a useful plug & play application. In light of the success of MegaUpload, Rapidshare and [Velodoc](http://www.velodoc.net/), a second objective is to release these components with a web server application for sending and receiving large files.

Finally releasing these components under the open source scheme is a way to gather feedback and improve their reliability, which we deem critical to the success of [Velodoc](http://www.velodoc.net/).

# Requirements

## Technical requirements

1. Reference platforms: IIS 6 and IIS 7 (single server, no web farm)
2. ASP.NET 2.0 and ASP.NET Ajax extensions 1.0
3. Visual Studio 2005 Solution and C# Language
4. Reasonable level of security (links to download files cannot be easily guessed)
5. No database
6. Easy Setup

## Functional requirements



#### Use Case 1: Send Files

1. User authenticates;
2. User loads the send files page;
3. User enters email contact(s), message and list of files to send;
4. Upon submission files are uploaded and a message with links to download files is sent to email contact(s).

#### Use Case 2: Drop Files

1. Email contact (anonymous) loads the drop files page;
2. Email contact designates recipient user and enters his address, message and list of files;
3. Upon submission files are uploaded and a message with links to download files is sent to recipient user.

#### Use Case 3: Download File

1. User or email contact receives an email with links to download large files;
2. User or email contact clicks links and downloads files;
3. If file has been removed or does not exist, user or email contact gets an Http 404 error.

# New in version 1.1

Version 1.1 features:

* A user interface localized in 10 languages including Dutch, English, French, German, Italian, Japanese, Portuguese, Russian, Simplified Chinese and Spanish;
* A new WCF streaming web service to use Velodoc XP Edition as a server platform for Velodoc Outlook Add-In. See the “Vision and Requirements” document for the Velodoc add-in for more information;
* Minor bug fixes essentially concerning the setup.

### Note

The level of functionality and security of Velodoc XP (Express) Edition is basic. For advanced features, go to <http://www.velodoc.com> and consider [Velodoc](http://www.velodoc.net/) Enterprise Edition. Velodoc Enterprise Edition can be tried online at <http://www.velodoc.net>.