

# Forms Plugins

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# Outline – Forms Plugins

- **Masked Input**
- **Max Length**
- **Auto Completion**
- **Wizard**
- **Validation**
- **jQuery UI**

# Masked Input

- **Restrict ability to type incorrect characters**
  - Still need to validate on the server!
- **Predefined mask characters**
  - 9 – number
  - a – a to z, A to Z
  - \* - alphanumeric
- **Can create own mask characters**
- **<http://tinyurl.com/28bm9t>**

# Max Length

- Limit the number of characters allowed and give user feedback on how many can entered
  - `<input>`, `<textarea>`
- <http://tinyurl.com/655rf2>

# Auto Tab

- Automatically tab between fields as they are completed
- Can limit allowable input as well
- <http://tinyurl.com/ox3hfbe>

# Auto Completion

- **Twitter Typeahead**
  - As type it shows data from list of predefined options
  - Tab to complete
  - Data sources
    - Local
    - Prefetch remote data and store locally
    - Remote live API calls as type
- **<http://tinyurl.com/bc3g9fd>**

# Wizard

- Client side wizard control
- Step navigation
- Hooks for validation
- <http://tinyurl.com/lt22w2s>

# Validation

- Declarative or programmatic configuration
- Supports regular expressions
- Can use “data-” attributes
- Very configurable
- CSS classes for styling
- <http://parsleyjs.org/>



# ASP.NET Validation

- ASP.NET Web Forms 4.5 unobtrusive validation
- Leverage existing ASP.NET validation controls
- Uses “data-” attributes to store information
  - Error message
  - Validation expression

# jQuery UI

- “...curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery”
- Build a custom download
- ThemeRoller
  - Create custom themes for all widgets
  - Choose from gallery
- <http://jqueryui.com/>

# Summary

- Auto Completion
- Validation
- jQuery UI