

dōjō and Notes



ILUG

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Innovative Software-Lösungen.

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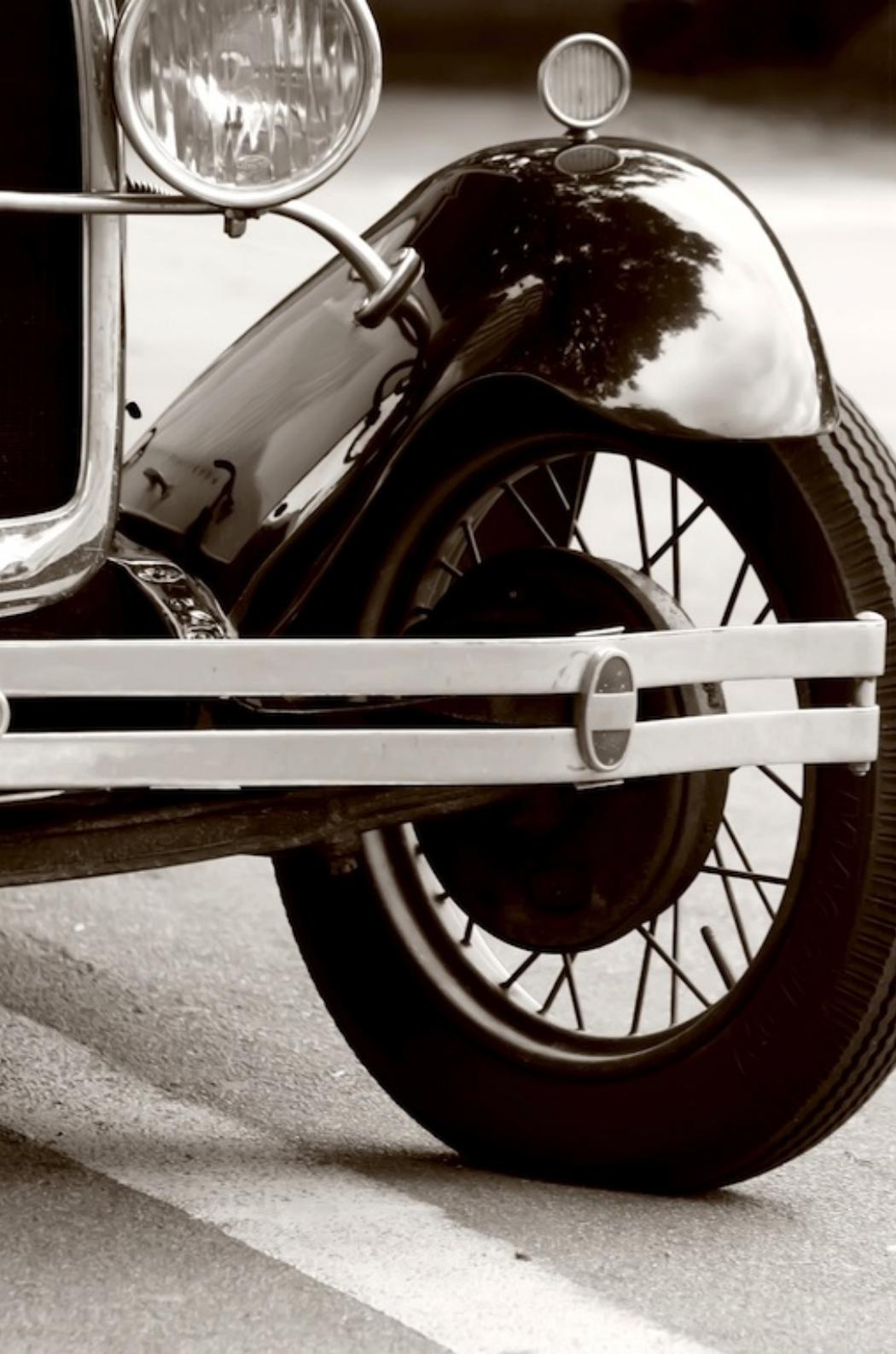


Agenda

- Motivation
- Introduction in dojo
- Core
- Dijit
- DojoX
- Dojo and Notes
- Questions & Answers

dōjō





Don't
Reinvent
The
Wheel!

Motivation – Why dojo?



Open Source



Browser Support

SUPPORTING



Rich UI Widgets



I18N - Internationalization

X

Used in XPages



The three parts of dojo

dijit

dōjōX

core
base



core - base

- Browser detection
- JSON encoding / decoding
- Package loading
- Event handling
- Animation effects
- AJAX
- CSS utilities
- OOP support
- Firebug integration

base



core – other packages

- Drag & drop
- I18N support
- Date formatting
- Number formatting
- String utilities
- Cookie handling
- Extended animations
- Back button handling

core



dijit

- GUI elements – dojo interface widgets
- „Theme“ support
- Internationalization
- Keyboard support

dijit



dojoX

- Experimental - „The future, today“
- Some parts are really stable and production ready
- Charts
- SVG support
- DojoX Offline – Integration with Gears
- DojoX Widgets

dōjōX





«Page»
dojo-Hello World

Hello World

```
<html>
  <head>
    <title>My First Dojo App</title>
    <link rel="StyleSheet" type="text/css"
          href="js/dojo/dojo/resources/dojo.css">
    <link rel="StyleSheet" type="text/css"
          href="js/dojo/dijit/themes/tundra/tundra.css">
    <script type="text/javascript">
      var djConfig = {
        baseScriptUri : "js/dojo/",
        parseOnLoad : true,
        extraLocale: ['en-us', 'zh-cn']
      };
    </script>
    <script type="text/javascript" src="js/dojo/dojo/dojo.js"></script>
    <script language="JavaScript" type="text/javascript">
      dojo.require("dojo.parser");
      dojo.require("dijit.form.Button");
      dojo.require("dijit._Calendar");
    </script>
  </head>
```

Base CSS

Theme CSS

Base Configuration
must be defined before
dojo.js is loaded!

dojo.js (Base)

Loading
of packages



Hello World

```
<body class="tundra">
  <div style="position: relative; top: 10px; left: 10px; width: 80%; ">
    <button dojoType="dijit.form.Button" id="myButton">
      Press me, NOW!
      <script type="dojo/method" event="onClick">
        alert('You pressed the button');
      </script>
    </button>
    <br><br>
    <table border="0"><tr>
      <td valign="top">
        <input id="calEnglish" dojoType="dijit._Calendar" lang="en-us" />
      </td>
      <td width="25">&ampnbsp</td>
      <td valign="top">
        <input id="calChinese" dojoType="dijit._Calendar" lang="zh-cn" />
      </td>
    </table>
  </div>

</body>
</html>
```

Button

Calender US

Calender CN



Hello World - Explanation

```
<link rel="StyleSheet" type="text/css"  
      href="js/dojo/dojo/resources/dojo.css">
```

- Simple basic CSS – only margins and font definitions

```
<link rel="StyleSheet" type="text/css"  
      href="js/dojo/dijit/themes/tundra/tundra.css">
```

- Tundra is one of the build in Themes



Hello World - Explanation

```
<script type="text/javascript">
  var djConfig = {
    baseScriptUri : "js/dojo/",
    parseOnLoad : true,
    extraLocale: ['en-us', 'zh-cn']
  };
</script>
```

- Basic configuration of dojo
 - Creates a djConfig object
 - The object will be read from the dojo.js
 - Property baseScriptUri: The dojo directory
 - Property parseOnLoad: Analyze of the HTML code
 - Property extraLocale: Additional languages
 - Must be defined before dojo.js is loaded



Hello World - Explanation

```
<script type="text/javascript" src="js/dojo/dojo/dojo.js"></script>
```

- Loading of the „base“ part

```
<script language="JavaScript" type="text/javascript">  
  dojo.require("dojo.parser");  
  dojo.require("dijit.form.Button");  
  dojo.require("dijit._Calendar");  
</script>
```

- Definition which packages has to be loaded
 - dojo.parser: Parsing of the HTML code for dojo relevant elements
 - dijit.form.Button: „Button“ widget
 - dijit._Calendar: „Calender“ widget



Criticism – Use of packages

- The use of packages (`dojo.require`) means a lot of small server request
- From a performance point of view a lot of small requests are suboptimal
- Dojo has a tool for building one file with all the needed packages – „Custom Dojo Build“
- Blog Tim Tripcony „I still have one concern about Dojo“
<http://www.timtripcony.com/blog.nsf/d6plinks/TTRY-7LLHQ>
- Tim Tripcony also offers a tool „JSFactory“
<http://www.timtripcony.com/blog.nsf/d6plinks/TTRY-7FUSZF>



Hello World - Explanation

```
<button dojoType="dijit.form.Button" id="myButton">  
    Press me, NOW!  
    <script type="dojo/method" event="onClick">  
        alert('You pressed the button');  
    </script>  
</button>
```

- Creation of a button
 - Parser recognizes the dojoType
 - „dijit.form.Button“ loads the button widget
- Registration of the „onClick“ event
 - Parser recognizes type="dojo/method"



Hello World - Erklärung

```
<table border="0"><tr>
  <td valign="top">
    <input id="calEnglish" dojoType="dijit._Calendar" lang="en-us" />
  </td>
  <td width="25">&ampnbsp</td>
  <td valign="top">
    <input id="calChinese" dojoType="dijit._Calendar" lang="zh-cn" />
  </td>
</table>
```

- Creation of the two calendar objects
 - Parser recognizes dojoType
 - „dijit._Calendar“ loads the calendar widget
 - With the „lang“ attribute the default language is overwritten



base – dojo.addOnLoad()

- Register a function that will be invoked as soon as the DOM is loaded and all widgets are initialized
- `dojo.addOnLoad(functionPointer);`
Simple function call
- `dojo.addOnLoad(object, "methodName");`
Calls a method in the given object
- `dojo.addOnLoad(object, function() { /* ... */});`
Defines a new method in the object which will be called

base



base – CSS Classes

- `dojo.addClass (DomNode | NodeId, ClassName)`
adds a CSS class to the DOM node
- `dojo.removeClass (DomNode | NodeId, ClassName)`
removes a CSS class from a DOM node
- `dojo.hasClass (DomNode | NodeId, ClassName)`
checks whether the DOM node has a CSS class

base



base – DOM Nodes

- `dojo.byId(NodeId)`
returns the DOM node with the given id
- `dojo.clone(Object)`
clones an object, like a DOM node,
inclusive all of its children
- `dojo.isDescendant(ChildDomNode,
ParentDomNode)`
checks whether a DOM node is a child of
another DOM node

base



base – dojo.query() (1)

- `dojo.query(CSS3-Selector)`
returns all DOM nodes which meet a given CCS3 selector
 - Class name, e.g.. „.foo“
 - HTML elements, e.g. „span“
 - CSS hierarchies, e.g. „table div“
 - Direct child elements(>), e.g. „#tabular_data > div“
 - Universal selector (*)
 - Immediate predecessor siblings (~)
 - Preceded-by-sibling (+)

base



base – dojo.query() (2)

- dojo.query (CSS3-Selector)

Query by attributes

- [foo] Attribute exists
- [foo='bar'] Attribute has a given value
- [foo~=='bar'] Attribute value matches with element from list
- [foo^='bar'] Attribute value starts with
- [foo\$='bar'] Attribute value ends with
- [foo*='bar'] Attribute value matches substring

base



base – dojo.query() (3)

- dojo.query (CSS3-Selector)
Pseudo classes
 - :first-child – First child
 - :last-child – Last child
 - :only-child – Only one child
 - :empty – No childs
 - :checked – Activated radio buttons & check boxes
 - :nth-child(n) – Nth child
 - :nth-child(even) – All „even“ childs
 - :nth-child(odd) – All „odd“ childs
 - :not(...) - Negation

base



base - OOP - declare

- `dojo.declare(className: String,
superclass: Function|Function[],
props: Object)`

Creates a new class which will inherit
from one or more classes and will inherit
the properties of a given object

base



base - OOP - declare - Sample

```
function MyClass1() {  
    var firstName = "Mick";  
    this.getFirstName = function() {  
        return firstName;  
    }  
}  
function MyClass2() {  
    var lastName = "Foley";  
    this.getLastname = function() {  
        return lastName;  
    }  
}  
dojo.declare("org.ilug.AnotherClass", [ MyClass1, MyClass2 ],  
{ middleName : "William",  
getMiddleName : function() {  
    return this.middleName;  
}  
}  
);  
var o = new org.ilug.AnotherClass();  
alert(o.getFirstName() + " " + o.getMiddleName() + " " +  
o.getLastName());
```



base – OOP – extend

- `dojo.extend(constructor: Object,
props: Object...);`

Adds the properties and methods from
one or more classes to another class
(Prototype inheritance)

base



base - OOP - extend - Beispiel

```
function MyClass1() {  
    var firstName = "Mick";  
    this.getFirstName = function() {  
        return firstName;  
    }  
}  
function MyClass2() {  
    var lastName = "Foley";  
    this.getLastName = function() {  
        return lastName;  
    }  
}  
function MyClass3() {  
    this.sayName = function() {  
        alert("I am " + this.getFirstName() + " " + this.getLastName());  
    }  
}  
dojo.extend(MyClass3, new MyClass1(), new MyClass2());  
var mc3 = new MyClass3();  
mc3.sayName();
```



base – Aspect-Oriented Programming – connect

- Calls a method / function as soon as a event has been triggered or a method of another object has been called

```
dojo.connect(object: Object|null,  
event: String, context: Object|  
null, method: String|Function);
```

- Connection to a DOM node

```
dojo.connect(dojo.byId("foo"),  
"onmouseover", function(evt)  
{console.log(evt)});
```

base



base – Aspect-Oriented Programming – connect

- The event can also be a method call of another object.

```
function MyClass() {  
    this.sayHello = function(inName) {  
        alert("Hello, " + inName)  
    }  
}  
  
function AnotherClass() {  
    this.echo = function(message) {  
        alert(message + " has been greeted.")  
    }  
}  
  
foo = new MyClass();  
bar = new AnotherClass();  
var handle = dojo.connect(foo, "sayHello", bar,  
"echo");  
foo.sayHello ("ILUG 2010");
```



base - AJAX

- `dojo.xhr(method: String,
args: dojo._XhrArgs,
hasBody: Boolean?);`
Starts an AJAX call
- Supported methods:
“DELETE”, „GET“, „POST“ & „PUT“
- Alternative
 - `dojo.xhrDelete(args: dojo._XhrArgs);`
 - `dojo.xhrGet(args: dojo._XhrArgs);`
 - `dojo.xhrPost(args: dojo._XhrArgs);`
 - `dojo.xhrPut(args: dojo._XhrArgs);`

base



base - XhrArgs (1)

- url:String
The URL for the call

- handleAs:String
Format of the server response
 - text (default)
 - json
 - json-comment-optional
 - json-comment-filtered
 - javascript
 - xml

base



base - XhrArgs (2)

- **form:DOMNode**
The values from the form will be submitted as
`field1=value1&field2=value2&....`
- **content:Object**
The properties of the object will be submitted as
`property1=value1&property2=value2&....`
- **headers:Object**
Additional HTTP Header
The properties of the object will be submitted as name-value-pairs

base



base - XhrArgs (3)

- `load:Function`
The Function, which will be called in case **base** of a successful server response
- `error:Function`
The function, which will be called in case of an error
- `handle:Function`
The function, which will be called in any case



base - XhrArgs (4)

- sync:Boolean
Synchronized call (Browser is blocked until the response arrived)
 - Default is false
- preventCache:Boolean
On true the browser won't cache the request
- timeout:Integer
The amount of milliseconds to wait until an error is thrown

base



base – Basic Animation

- `dojo.animateProperty(args:
dojo._AnimArgs);`
Basic for all animation effects
- `dojo.animateProperty({ node: node,
duration:2000,
properties: {
width: { start: '200', end: '400',
unit:"px" },
height: { start:'200', end: '400',
unit:"px" },
paddingTop: { start:'5', end:'50',
unit:"px" }
}
}).play();`

base



base – fadeIn & fadeOut

- `dojo.fadeOut({node : "myDiv", duration : 2000}).play();`
- `dojo.fadeIn({node : "myDiv", duration : 2000}).play();`
- `function doFading() {
 dojo.fadeOut({node : "myDiv", duration : 2000, onEnd : function() {
 dojo.fadeIn({node : "myDiv", duration : 2000}).play();
 }}.play();
}`

base



dojo.fx – Additional Animation Effects

- `dojo.require("dojo.fx");`
Loading of the fx package
- `dojo.fx.slideTo({ node: node, left:"40", top:"50", unit:"px" }).play();`
Moves the DOM node from its current position to the given position
- `dojo.fx.wipeIn({ node: node, duration:200 }).play();`
DOM node is wiped in
- `dojo.fx.wipeOut({ node: node, duration:200 }).play();`
DOM node is wiped out

core



dojo.back – Back Button Handling

- The back button is the most used button in a browser
- With dojo.back defined states can be added to the history

```
dojo.require("dojo.back");
dojo.back.setInitialState(state);
dojo.back.init();
dojo.back.addToHistory(state);
var state = {
    back: function() { alert("Back was
clicked!"); },
    forward: function() { alert("Forward was
clicked!"); } };
```

core



dojo.behavior – Event Handling

- Registration of event handlers on any kind of DOM node
- DOM nodes will be identified based on CSS3 selectors (see also dojo.query())
- ```
dojo.require("dojo.behavior");
dojo.behavior.add({ "#myDiv" : {
 found : function (elem) {
 alert("Found the div: " + elem);
 },
 onmouseover: function (evt) {
 alert("onMouseOver fired");
 },
 onmouseout: function (evt) {
 alert("onMouseOut fired");
 }
});
dojo.behavior.apply();
```

core



## dojo.dnd – Drag & Drop

- Two approaches
  - Just moving of html elements on the screen
  - Container definition to define source and target
- Both approaches are simple to use and could be controlled very accurately

core



## dojo.dnd.movable

- `dojo.require("dojo.dnd.movable");`  
Loading of the Drag&Drop package
- `<div dojoType="dojo.dnd.Moveable">`  
Some Content`</div>`  
Just by specifying the dojoTypes the HTML element  
can be moved on the screen.

core



## dojo.dnd.movable – with „Handle“

- A child node inside the HTML element to be moved could become a handle.
- ```
<div dojoType="dojo.dnd.Moveable"  
      handle="dragHandle">  
    <div id="dragHandle"></div>  
    <textarea>Dieser Text kann editiert werden  
    </textarea>  
</div>
```

core



dojo.dnd.Source – Simple Container Definition

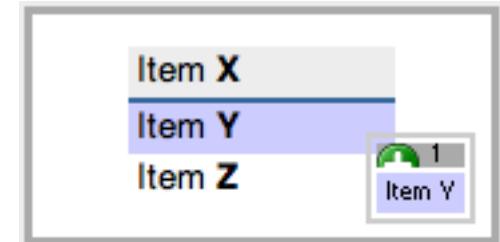
- dojo.require("dojo.dnd.Source");
Loading of the Drag&Drop package

- Defining of the list

```
<div dojoType="dojo.dnd.Source"  
class="container">  
  <div class="dojoDndItem">Item X</div>  
  <div class="dojoDndItem">Item Y</div>  
  <div class="dojoDndItem">Item Z</div>  
</div>
```

- Together with the right CSS style sheet
there is visual feedback during the
move

core



Other dojo core Packages

- dojo.cldr – Support for different country settings
- dojo.colors – Colors
- dojo.currency – Formatting and parsing of currency values
- dojo.date – Date functions
- dojo.i18n – Helper functions for internationalization
- dojo.io – AJAX alike functions without XMLHttpRequest
- dojo.number – Formartting and parsing of numbers
- dojo-regexp – Regular expressions
- dojo.string – String functions

core



dijit - Introduction

- Dijit stands for
 - The widget framework based on the base and core elements
 - One widget is also called a dijit
- Dijits are fully „theme-able“ - they can be adapted to a „Look & Feel“
 - The „Theme“ has to be added as CSS
 - `<body class=" {Theme} ">`
 - One of the favorite themes is „Tundra“



dijit

The logo consists of the word "dijit" written in a large, elegant, black cursive script font.

Two Ways to Use dijits

- Dijits can be used in two ways
 - Declarative
 - Programmatically
- With the declarative approach the HTML code get parsed in search for attributes „dojoType“
- If the parser finds a dojoType attribute the JavaScript code will be injected automatically
- Be aware that HTML validators won't approve your code as valid with dojoType attributes in it.



dijit

The word "dijit" is written in a large, elegant, black cursive font.

Dijits Declarative Use

- var djConfig = {
 baseScriptUri : "js/dojo/",
 parseOnLoad : true
};

In the configuration set the option parseOnLoad to true

- dojo.require("dojo.parser");
Load the parser package
- dojo.require("dijit.form.Button");
Load the dijit package you want to use
- <button
 dojoType="dijit.form.Button">ok</button>
Add the dojo attribute



Dijit Programmatic Use

- ```
dojo.require("dijit.form.Button");
```

Load the dijit package
- ```
var myDijit =  
new dijit.form.Button(  
    {label : "Ok"}  
) ;  
dojo.byId("divButton").appendChild(myDijit.do  
mNode) ;
```
- The programmatic approach is performance wise the better approach.
 - But the differences will appear only with big web pages
 - Or within high dynamic web pages



dijit



Access to dijits

- Every dijit could be accessed by the dijit Manager
- Every dijit has an unique id
 - Either manually defined
 - Or automatically generated
- The method `dijit.byId(<someID>)` ; returns the dijit object
- Not to be confused with `dojo.byId(<someID>)` ;
 - Which will return the DOM node

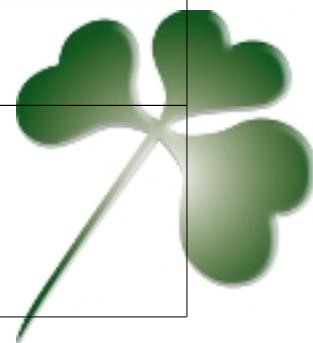


dijit



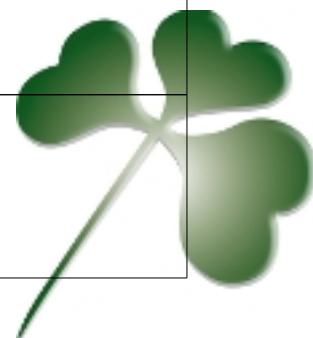
dijit Methods

| Methode | Beschreibung |
|--------------------|---|
| buildRendering | Constructs the visual part representation |
| connect | Connects the object / event to the specified method of the dijit and automatically register it for disconnect () on the dijit destroy |
| create | Begins the life cycle of the dijits |
| destroy | Destroys the dijit but keeps the child elements |
| destroyDescendants | Destroys the child elements recursively |
| destroyRecursive | Destroys the dijit and all child elements recursively – This is the recommended method |



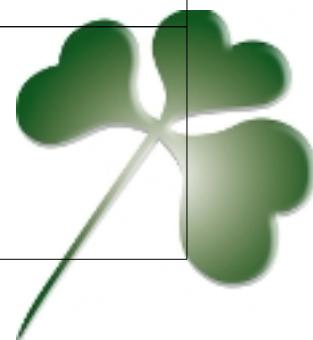
dijit Methods

| Methode | Beschreibung |
|------------------|---|
| destroyRendering | Destroys all DOM nodes of the dijit |
| disconnect | Disconnects a handle |
| getDescendants | Returns all child elements |
| isFocusable | Checks whether the dijit can be focused |
| isLeftToRight | Checks the DOM for the text direction for bidirectional support |
| onBlur | This method will be called if the dijit loses the focus |
| onClose | This method will be called if the dijit is destroyed |



dijit Methods

| Methode | Beschreibung |
|---------------------|---|
| onFocus | This method will be called if the dijit gains the focus |
| postCreate | This method will be called after the DOM-Nodes of the dijit has been fully created |
| postMixInProperties | This method will be called after all parameters has been processed but before the DOM nodes are created |
| setAttribute | Sets a HTML attribute directly |
| startUp | This method will be called after all dijits children have been created but before they are displayed. |



dijit Attributes

| Attribut | Beschreibung |
|--------------|---|
| attributeMap | List of all attributes, mainly HTML attributes |
| class | HTML class attribute |
| id | The dijit ID |
| lang | The language – a way to override the default language from the browser |
| srcNodeRef | Reference to the DOM node with the dojoType attribute – most of the time this DOM node will be hidden or removed from the page Use this attribute with care! |
| style | The HTML style attribute |



dijit.form.NumberTextBox

- Widget for the formatting of number inputs
- Usage

```
dojo.require  
("dijit.form.NumberTextBox")  
<input dojoType="dijit.form.NumberTextBox" >
```

- Returns the values with a dot as decimal separator
- If the language settings of the browser has a locale which uses a different decimal separator (like in Germany) Domino will throw an error!
=> dijitDominoPatch.js



The dijit logo is written in a large, elegant, black cursive font. The letters 'd', 'i', 'j', 'i', and 't' are connected in a fluid, flowing style.



dijit.form.CurrencyTextBox

- Widget for the formatting of currency inputs
- Usage

```
dojo.require  
("dijit.form.CurrencyTextBox")  
<input dojoType="dijit.form.CurrencyTextBox"  
currency="EUR">
```

- Returns the values with a dot as decimal separator
- If the language settings of the browser has a locale which uses a different decimal separator (like in Germany) Domino will throw an error!
=> `dijitDominoPatch.js`

dijit



dijit.form.DateTextBox

- Widget for date formatting
- Displays a calendar on entering the field
- Usage

```
dojo.require  
("dijit.form.DateTextBox")  
<input dojoType="dijit.form.DateTextBox" >
```

- Returns the date in the format [Year]-[Month]-[Day]
- If the language settings of the browser has a locale which assumes a different format Domino throws an error! => `dijitDominoPatch.js`



dijit.form.TimeTextBox

- Widget for time formatting
- Displays a time slider on entering the field
- Usage

```
dojo.require  
("dijit.form.TimeTextBox")  
<input dojoType="dijit.form.TimeTextBox" >
```

- Returns the values in the format
T[Hours(24h)]:[Minutes]:[Seconds]
- Domino could not handle that format and trows
an error.
=> **dijitDominoPatch.js**



dijitDominoPatch.js

- Patch in development stage
- Apache licence
- Change all input fields to the right format before dojo is initialized
- On submit changes the input values back to the format Domino is expecting
- **Use at your own risk!**



dijitDominoPatch.js - Initialize

- Change djConfig

```
var djConfig = {  
    afterOnLoad : true,  
    parseOnLoad : false  
};
```

- Call on load

```
onload="textBoxDominoLoadPatch () ; "
```

- The functions searches for all input elements with the attribute „dojoType“
- At the end of the function the dojo parser will be called with `dojo.parser.parse() ;` manually.



dijitDominoPatch.js – Save (1)

- With `dojo.connect` connect to the `onSubmit` event
`dojo.connect (document.forms[0], "onsubmit",
textBoxDominoSubmitPatch);`
- Search for all widgets that are registered on the web
page
`dijit.registry.forEach(function(widget,
index, hash) { . . . })`
- Search for the input fields in that widget
`dojo.query("input", widget.domNode).`



dijitDominoPatch.js – Save (2)

- With dojo.style() search for the hidden input elements

```
dojo.style(node, "display") == "none"
```

- Change the value with a regular expression

```
node.value = node.value.replace (/^ (.*) - (.*) -  
(.*)$/g, "$3.$2.$1");
```



dijit.form.ComboBox

- Widget for selecting values
- Usage

```
dojo.require
```

```
("dijit.form.ComboBox")
```

```
<input dojoType="dijit.form.ComboBox" >
```

- Possible to add new values
- Notes field „Dialog list“
Option „Allow values not in list“ deactivate
- In the formula for the choices add the
saved value @Trim(@Unique("Category A" : "Category B" :
"Category C" : comboboxfield))



The word "dijit" written in a large, elegant, black cursive font.



dijit.form.Slider

- Widget to enter number values with a slider
- Better use this dijit programmatically via JavaScript instead of declarative approach
- Place an place holder div with an id on the web page
- Add also an id to the input element to get a handle to it

dijit



dijit.form.Slider - Code(1)

- First set the default value

```
var defaultValue = 10;
```

- Afterwards get the current value from the input element

```
if (dojo.byId("horzsliderfield").value != "") {  
    defaultValue =  
        dojo.byId("horzsliderfield").  
        value.replace(/,/g, ".");}
```

- The value.replace call is needed because the decimal separator from Domino (at least in Germany) is a comma and the dijit is expecting a dot.



dijit.form.Slider - Code(2)

- Store a reference to the place holder div in a variable

```
var sliderNode = dojo.byId("slider");
```

- Create a new slider object and bind it to the place holder div

```
var slider = new dijit.form.HorizontalSlider({  
    name: "slider",  
    value: defaultValue,  
    minimum: 10,  
    maximum: 60,  
    intermediateChanges: true,  
    style: "width:300px;",  
    onChange: function(value) {  
        var currentValue = value+"";  
        dojo.byId("horzsliderfield").value =  
            currentValue.replace(/\./g, ",");  
    }  
, sliderNode);
```

Function to change the value of the input element



dijit.form.Slider - Code(3)

- Create a new div and add it as a child element to the slider div

```
var rulesNode = document.createElement('div');  
sliderNode.appendChild(rulesNode);
```

- Create a new slider ruler and bind it to the new DOM node

```
var sliderRules = new dijit.form.HorizontalRule({  
    count:11,  
    style:"width:5px;"  
, rulesNode);
```

The logo consists of the word "dijit" written in a large, elegant, black cursive font.

DojoX - Charting

- Definition of the chart only via JavaScript possible
- Expects an array of objects as values
- A way to get the values is to write an WebQueryOpen agent which will generates the needed JavaScript code and writes it to a field „ComputedForDisplay“
- In the „HTML Head Content“ the field value will be placed in a JavaScript variable



Resources

Official web site

<http://www.dojotoolkit.org>

API Documentation

<http://api.dojotoolkit.org>

Demos

<http://demos.dojotoolkit.org>

DojoCampus

<http://dojocampus.org/>

Dojo Documentation

<http://docs.dojocampus.org/>

Old web side

<http://o.dojotoolkit.org>



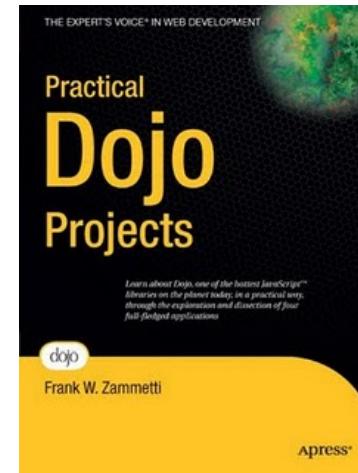
Resources

- OpenNTF CodeBin - Dojo - Easy As 123
<http://www.openntf.org/Projects/codebin/codebin.nsf/0/A2A3F3DB69E21F2A8625740E005B8EC9>
- Dojomino – Dojo Domino Framework
<http://dojomino.com/>
- Sitepen Labs Dojo
<http://o.sitepen.com/labs/dojo.php>
- Dojo Toolbox – Adobe AIR Application with offline API
<http://o.sitepen.com/labs/toolbox/>
- My Blog serie
<http://www.assono.de/blog/d6plinks/dojo>

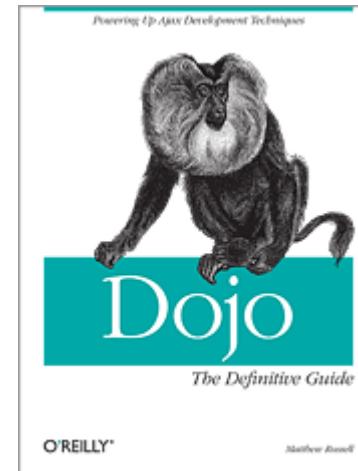


Books

- Frank W. Zammetti
"Practical Dojo Projects"
Apress Verlag



- Matthew A. Russell
"Dojo – The Definitive Guide"
O'Reilly Verlag



Questions?

Now or later:

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Slides & demo application
<http://www.assono.de/blog/d6plinks/ILUG-2010-dojo>

