Iliad developer's guide

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Contents

Introduction

Iliad is a Smalltalk web application framework. Heavily based on reusable stateful widgets, Iliad lets you build powerful dynamic applications easily. It allows you to trigger smalltalk code when an user clicks on a link or submit a form instead of bothering you with low level details.

Thanks to its javascript layer Iliad automatically uses AJAX requests to update the client state, and it will nicely degrade to normal requests if javascript is not enabled, so you don't have to bother about that either.

Resources

Here is a short list of Iliad related resources:

- the main website of Iliad (http://www.iliadproject.org);

- Iliad mailing-list (http://groups.google.fr/group/iliad);

- the issue tracker (http://code.google.com/p/iliadproject/issues).

A work in progress

Iliad's documentation is evolving. We are looking for contributors to help us improve this documentation.

Chapter 1

Downloading and installing Iliad

Iliad is currently available for GNU Smalltalk, Squeak and Pharo. In this chapter you will find detailed installation instructions for each supported Smalltalk dialect.

1.1 Installing on GNU Smalltalk

`gst-package`

With *GNU Smalltalk* 3.2 or newer, `gst-package` can be used to download and install Iliad.

```
~$ gst-package --download grease -t ~/.st
~$ gst-package --download iliad -t ~/.st
```

Git

You can download Iliad by cloning the *Git* repository.

```
~$ git clone http://github.com/NicolasPetton/Grease.git
~$ cd Grease
~$ gst-package -t ~/.st ./package.xml
```

```
~$ git clone git://github.com/NicolasPetton/iliad-stable.git
~$ cd iliad-stable
~$ ./scripts/make_packages
```

1.2   Installing on Pharo Smalltalk

Using Metacello

Download `ConfigurationOfIliad` package from the Metacello repository from squeaksource :

```
MCHttpRepository
location: 'http://www.squeaksource.com/MetacelloRepository'
user: ''
password: ''
```

Open a workspace and *do-it*:

```
ConfigurationOfIliad load
```

Manually

Load Swazoo 2.2 (http://www.squeaksource.com/Swazoo) and Grease (http://www.squeaksource.com/Seaside30) from SqueakSource. Load packages from the SqueakSource repository (http://www.squeaksource.com/iliad) in the following order:

- Iliad-Core
- Iliad-Swazoo
- Iliad-More-UI
- Iliad-More-Rss
- Iliad-More-Formula
- Iliad-More-Comet
- Iliad-More-Examples
- Iliad-More-Tests

1.3   Loading and starting Iliad

Iliad is webserver agnostic. However, only one server adapter for Swazoo (http://www.swazoo.org) has been written so far. This adapter is available for Pharo Smalltalk and GNU Smalltalk.

1.3.1   GNU Smalltalk

The start script

The git repository of Iliad includes a `start` script, which will create an image with all required packages loaded and start Iliad with gst-remote.

```
~$ ./scripts/start -p PORT
```

gst's REPL

You can load Iliad packages into a GNU Smalltalk image with the PackageLoader. When using gst's REPL, you will have to suspend the active process to make Swazoo listen to a given port:

```
st> PackageLoader fileInPackage: 'Iliad'
st> Iliad.SwazooIliad startOn: 8888
st> processor activeProcess suspend
```

With gst-remote

You can create a bash script and use it to load the desired packages and start iliad:

```
#!/bin/bash

# load packages into a new image named iliad.im
echo "PackageLoader fileInPackage: 'Iliad'. ObjectMemory snapshot: 'iliad.im'" | gst

# start gst-remote with the image
gst-remote --server -I iliad.im &
sleep 2

# start Swazoo on port 8888
gst-remote --eval "Iliad.SwazooIliad startOn: 8888"
```

1.3.2 Pharo Smalltalk

To start Swazoo with the Iliad adapter, *do-it*:

```
SwazooIliad startOn: 8888
```

1.4 Testing the installation

Open 'http://localhost:8888/browse' ('http://localhost:8888/browse') in your browser. You should see the list of loaded Iliad applications.

Chapter 2

Short tutorial

In this short tutorial we will build our first Iliad widget: a simple counter. Widgets (see chapter 5 [Widgets] on page 35) are high-level reusable, stateful, graphical objects. We will create the class and a method to build HTML, then add some behavior to increase and decrease the counter.

Our first widget

Widgets are subclasses of ILWidget. Our widget will have a `count` *instance variable*, initiliazed to zero.

```
Iliad.ILWidget subclass: CounterWidget [
    | count |

    initialize [
        super initiliaze.
        count := 0
    ]
]
```

To build HTML Iliad calls the `#contents` method of a widget. This method answers a buildable object: almost always a *block closure* or another widget.

```
contents [
    ^[:e | e h1: count printString]
]
```

Action methods

Now we can add action methods to increase and decrease the counter.

```
increase [
    count := count + 1
]

decrease [
    count := count - 1
]
```

To allow the user to increase or decrease the counter, we build anchors which will call the action methods (see section 3.3 [Actions] on page 27), and modify the `contents` method as follow.

```
contents [
    ^[:e |
        e h1: self count printString.
        e a
            action: [self increase];
            text: '++'.
        e a
            action: [self decrease];
            text: '++']
]
```

To tell Iliad that the state of the counter has changed and that it should be rebuilt, we call its `#markDirty` method in the action methods.

```
increase [
    count := count + 1.
    self markDirty
]

decrease [
    count := count - 1.
    self markDirty
]
```

Using the counter widget in an application

To see our widget in action, we build it in an application. Applications (see chapter 4 [Applications] on page 31) are similar to widgets except that they dispatch requests in *controller methods*, similar to the `#contents` method of widgets. The default controller method is `#index`.

```
Iliad.ILApplication subclass: CounterApplication [

    CounterApplication class >> path [
        ^'counter'
```

```
    ]

    counterWidget [
        ^counterWidget ifNil: [counterWidget := CounterWidget new]
    ]

    index [
        <category: 'controllers'>
        ^self counterWidget
    ]
]
```

The class side #path method answers the base path of our application.

Chapter 3

Elements

Elements are low-level stateless objects composed in a tree to build valid (X)HTML. For each element class there is a corresponding HTML tag. This means you will never have to worry about writing valid HTML yourself, but instead use the element API to build HTML in Smalltalk.

`#contents` methods of widgets (see chapter 5 [Widgets] on page 35) or *controller methods* of applications (see chapter 4 [Applications] on page 31) are called by Iliad to build HTML using elements.

3.1 Composing the element tree

Adding elements

`ILHTMLBuilderELement` is the root class of the HTML element hierarchy. It has convenience methods for adding other HTML elements, and manipulate HTML attributes. These convenience methods follow HTML tag and attribute names. You can browse them in the `adding-convenience` protocol. All HTML elements inherit these methods.

The API provides the `#add:` method for adding a child to an element. Convenience methods use this method to compose the tree of elements.

```
p [
    <category: 'adding-conveniance'>
    ^self add: ILParagraphElement new
]
```

The HTML API

Each element in the tree represents a given HTML tag. Each attribute of an element has a corresponding HTML tag attribute. We compose HMTL by

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combining the two kind of methods. As methods are named depending on the
HTML tag they represent, building HTML with Iliad looks very similar to actual
HTML code.

The following example

```
e p: 'Hello world'.
e br.
e a
    href: 'http://www.iliadproject.org';
    text: 'Iliad website'.
```

Will produce the HTML:

```
<p>Hello world</p>
<br/>
<a href='http://www.iliadproject.org'>Iliad website</a>
```

Most of the time you won't have to learn the HTML API if you already
know the HTML tag names or attributes you want to write. If you can't find
the name of a convenience method, you can browse the `ILHTMLBuilderELement`
class and its subclasses in `Iliad-Core-HTMLElements`.

3.2   Elements and buildables

Buildable objects are high-level stateful graphical objects. They use elements
to build themselves as HTML. They must implement the `#buildOn:` method,
taking an element as parameter.

A buildable object can be built on an element with the `ILElement>>build:`
method.

Default buildable objects in Iliad includes *Block closures* and *Widgets*.

```
div build: [:e | e text: 'hello world'].
div build: myWidget.
```

Buildables should never be built using their `#contents` method or the
`ILElement>>add:` method. Therefore, the following example is not valid.

```
e add: myWidget contents. "Not valid"
e build: myWidget. "Valid"
```

Block closures can be used to make building methods simpler by nesting
elements.

```
| div a |
div := e div.
a := div a.
a href: 'http://www.iliadproject.org'.
```

```
a img
    src: 'iliad.png';
    alt: 'Iliad logo'.
div h1: 'Iliad rocks!'
```

Can be written:

```
e div build: [:div |
    div a build: [:a |
        a href: 'http://www.iliadproject.org'.
        a img
            src: 'iliad.png';
            alt: 'Iliad logo'].
    div h1: 'Iliad rocks!']
```

And will build the following HTML code:

```
<div>
    <a href='http://www.iliadproject.org'>
        <img src='iliad.png' alt='Iliad logo'/>
    </a>
    <h1>Iliad rocks!</h1>
</div>
```

3.3   Actions

Buildables can do more than just build HTML. They can behave, change their state and react to user interactions through Smalltalk code evaluated in actions.

Instead of having to parse URLs and requests, Iliad uses action objects to trigger smalltalk code when the user interacts with the page, click on a link or submit a form. An *action* is an Iliad object with a smalltalk block associated to an id, but we will oftenly refer to the block of an action as the action itself.

Actions in anchors

The `ILAnchorElement` class provides the `#action:` method to associate an action block to the anchor.

```
e a
    text: 'Click!';
    action: [Transcript show: 'Anchor clicked.']
```

Because `#action:` will add an `href` attribute with a generated URL, anchors can't have both an associated action and an href.

```
e a
    text: 'Click!';
    action: [Transcript show: 'Anchor clicked.'; cr];
    href: 'http://www/smalltalk.org' "This will override the href set by #action:"
```

The counter widget example in `Iliad-More-Examples` is a good example of actions in anchors.

```
contents [
    ^[:e |
        e h1: self count printString.
        e a
            action: [self increase];
            text: '++'.
        e space.
        e a
            action: [self decrease];
            text: '--']
]
```

Actions in forms

Form elements can also have actions, evaluated when the form is submitted. We can modify the `#contents` method of the counter example to use a form and buttons instead of anchors.

```
contents [
    ^[:e |
        e h1: self count printString.
        e form build: [:form |
            form button
                text: '++';
                action: [self increase].
            form button
                text: '--';
                action: [self decrease]]]
]
```

Some form elements like inputs or textareas take a one argument action block. The argument is the value entered by the user.

```
e form build: [:form |
    form input action: [:val | self doSomethingWith: val].
    form button text: 'Ok']
```

3.4   DOM events

Iliad provides a simple API to associate javascript code to DOM events (click, focus, etc.) in the `accessing attributes-events` method protocol. The main method is `#on:add:` which takes two strings as arguments, the first one for the event, and the last one for the associated javascript code. Many shortcut methods exist for specific events, like `#onClick:` or `#onFocus:`.

```
e p
    text: 'Click';
    onClick: 'alert("clicked!");'.
```

If an element cannot be associated with a DOM event, an `ILAttributeNotUnderstood` error will be raised.

Evaluating actions on DOM Events

It is also possible to associate actions to DOM events. Names of methods follow the same convention, but end with *do:* and take a block as parameter.

```
e p
    text: 'An action block is evaluated on a click event';
    onClickDo: [Transcript show: 'Clicked!'; cr]
```

Chapter 4

Applications

An application is the root of a buildable object tree composing the user interface. Applications are used to dispatch requests to other buildables, typically widgets (see chapter 5 [Widgets] on page 35), and hold their state. Unlike widgets they don't have one building method but several *controller methods* used to dispatch requests to the right buildable object.

Applications instances are handled by the framework. Iliad stores one instance of an application class per session, which will persist through requests.

4.1   The base path

Each application class should have an unique *base path*, a string corresponding to the path of the application. The base path is answered by class method `path`.

```
Iliad.ILApplication subclass: MyApplication [
    MyApplication class >> path [
        "Answer the base path of the application"
        ^'my_application'
    ]
]
```

During a request processing, Iliad will determine to which application the request will be dispatched depending on its base path. If Iliad is running on port 8888, instances of MyApplication will be reached at:

```
http://localhost:8888/my_application
```

By default, `ILApplication`'s path is the empty string. This means the class method `path` must be overriden, else the application will not be reachable.

The base path of an application is an absolute path and can freely be composed with `'/'`. We can for example create two application classes with the same first path fragment: `'/foo/bar'` and `'/foo/baz'`.

4.2   Controller methods

Controller methods are building methods used to dispatch requests. The application will dispatch the request to the method named after the next fragment of the URL. The default controller method is `#index`. Concrete applications should always override this method to answer a buildable object.

For example, if the base path of the application is `'foo'`, the application will try to dispatch a request url `'/foo/bar'` to the controller method `#bar`. If there is no method matching this rule, `#index` will be called.

By default, controller methods must be in the `'controllers'` method protocol to be allowed to be called as controller methods (see section 4.3 [Filtering controllers] on the facing page).

A 'hello world' application

At this point we can write a 'hello world' application, with a base path and an `#index` controller.

```
Iliad.ILApplication subclass: HelloWorldApplication [

    HelloWorldApplication class >> path [
        <category: 'accessing'>
        ^'hello_world'
    ]

    index [
        <category: 'controllers'>
        ^[:e | e h1: 'hello world']
    ]
]
```

After starting Iliad on port 8888, the application can be browsed at http://localhost:8888/hello_world (http://localhost:8888/hello_world). As expected, the application will dispatch both `/hello_world` and `/hello_world/index` to the `#index` controller.

A multi-counter application

Let's improve the counter application written in the tutorial (see chapter 2 [Short tutorial] on page 21) and make it a multi-counter application. The application will build several counter widgets in the `#index` controller.

```
Iliad.ILApplication subclass: CounterApplication [
    CounterApplication class >> path [
        <category: 'accessing'>
        ^'counter'
    ]
```

```
    initialize [
        <category: 'initialization'>
        super initialize.
            counters := Array
            with: CounterWidget new
            with: CounterWidget new
            with: CounterWidget new
    ]

    index [
        <category: 'controllers'>
        ^[:e |
            counters do: [:each | e build: each]]
    ]
]
```

To persist through requests, widgets must be stored in instance variables. In this example counters are stored at initialization in a collection.

4.3   Filtering controllers

The use of a method of an application as a controller methods is restricted by the *selector filter*. Each application class has its own selector filter. Each time an application dispatches a request to a controller method, the selector filter block is evaluated against a selector to determine if the corresponding method is allowed to be used as controller or not. The default selector filter allows all methods in the 'controllers' protocol, but you may want to filter selectors differently.

The default selector filter can be overriden in the class side #defaultSelectoreFilter method, or you can plug in a new selector filter with the class side #selectorFilter:. A selector filter block must be a one argument block and answer a boolean.

In the following example, the only selector allowed is #index, all other methods will be forbidden.

```
MyApplication selectorFilter: [:selector | selector == #index]
```

4.4   Updating the page

During the generation of a page for a request processing, the application can update any part of it using the #updatePage: method. This method will be called for each new request excepting AJAX ones. In this method we can for example change the title of the page, update its <head> section, etc.

`#updatePage:` should not be used to update contents of widgets included in the `<body>` section, as widgets may not be built yet when Iliad calls `#updatePage:`.

The argument sent to `#updatePage:` is an instance if `Iliad.ILPage`. This class has accessors for both the `<head>` section and the `<body>` section of the page, respectively instances of `Iliad.ILHeadElement` and `Iliad.ILBodyElement`.

```
updatePage: aPage [
    <cateogry: 'updating'>
    super updatePage: aPage.
    aPage title: 'The multi-counter example'.
    aPage stylesheet href: '/path/to/my/style.css'
]
```

`super` should always be called, as Iliad uses Javascript files (see chapter 7 [The Javascript layer] on page 39) by default to send AJAX requests automatically. See chapter 8 [Serving static files] on page 41, for more details about how to serve static files with Iliad.

Chapter 5

Widgets

Iliad web pages are composed of nested Widgets. Widgets are high-level, reusable graphical objects. Widgets are not only about building HTML, they also hold the state of your application and will persist through requests. `ILWidget` is probably the most important class of Iliad, as widgets will compose most of your user interfaces and control flow.

Widgets are created by subclassing `ILWidget`.

TODO

- Maintaining state
- dirty widgets
- dependent widgets
- iteracting with other widgets
- decorators
- redirecting

Chapter 6

Routes and urls

TODO

- The ILRoute object
- Routers
- ILUrlBuilder and the base url

Chapter 7

The javascript layer

Chapter 8

Serving static files

Chapter 9

Managing sessions

TODO

- The session manager
- Subclassing ILSession
- Managing session expiration

Chapter 10

RSS

Chapter 11

Formula

Chapter 12

Deploying Iliad applications

TODO

- Configuring apache
- Serving static files
- ILUrlBuilder and rewrite rules

Chapter 13

Iliad class library reference

13.1 Iliad.IdentityBag

Defined in namespace Iliad
Superclass: Bag
Category:

13.2 Iliad.ILAction

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions

13.2.1 Iliad.ILAction: accessing

block   Answer 'block'.

block: aBlock
      Not commented.

key   Answer 'key'.

key: anId
      Not commented.

value   Answer 'value'.

value: anObject
      Not commented.

13.2.2   Iliad.ILAction: converting

respondOn: aResponse
> Not commented.

13.2.3   Iliad.ILAction: evaluating

evaluate
> Not commented.

13.3   Iliad.ILActionRegistry

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions
> I implement a registry of actions.

13.3.1   Iliad.ILActionRegistry: accessing

actionAt: aKey
> Not commented.

actions   Not commented.

13.3.2   Iliad.ILActionRegistry: actions

evaluateActionKey: aString
> Not commented.

register: anAction
> Not commented.

unregister: anAction
> Not commented.

unregisterAllActions
> Not commented.

13.4 Iliad.ILAnchorElement

Defined in namespace Iliad
Superclass: Iliad.ILLinkableElement
Category: Iliad-Core-XHTMLElements

13.4.1 Iliad.ILAnchorElement: accessing

action: aBlock
> Not commented.

action: aBlock hash: aString
> Not commented.

tag   Answer ''a''.

13.4.2 Iliad.ILAnchorElement: accessing attributes

tabindex: anInteger
> Not commented.

13.4.3 Iliad.ILAnchorElement: accessing attributes-imagemap

circleShape
> Not commented.

coords: aString
> Not commented.

defaultShape
> Not commented.

polyShape
> Not commented.

rectShape
> Not commented.

shape: aString
> Not commented.

13.5   Iliad.ILAnswerHandler

Defined in namespace Iliad
Superclass: Iliad.ILDecorator
Category: Iliad-Core-Buildables

> I am a special decorator for Widgets, used to handle widget answers.
> See #handleAnswer: and ILWidget>>show:onAnswer:

13.5.1   Iliad.ILAnswerHandler: accessing

action   Answer 'action'.

action: anAction

> Not commented.

13.5.2   Iliad.ILAnswerHandler: decorations

handleAnswer: anAnswer

> Not commented.

13.6   Iliad.ILAppendDelegator

Defined in namespace Iliad
Superclass: Iliad.ILDelegator
Category: Iliad-Core-Buildables

13.6.1   Iliad.ILAppendDelegator: building

contents

> Not commented.

13.7   Iliad.ILApplication

Defined in namespace Iliad
Superclass: Iliad.ILBuildable
Category: Iliad-Core-Buildables

I am the Iliad implementation of an application.

I am is the root object of a buildable object tree. Applications have a set of controllers, methods used to dispatch requests to the corresponding sub-tree of buildable objects (oftenly a composition of stateful widgets).

In concrete subclasses, the class method #path should return the base path (string) for the application.

"""""""""""""""""""""""""""""""""" " Applications & UI state " """"""""""""""""""""""""""""""""

You don't have to bother about instantiating applications, the framework will handle session and application instances. Application instances are stored in sessions. Each session stores one instance of the same application class.

Root widgets should be stored in applications to keep their state across requests.

""""""""""""""""""""""""""" " Controller methods " """""""""""""""""""""""""""

Like widgets, I am stateful. Unlike widgets I know how to dispatch a request with #dispatch : the controller method corresponding to the url will be called.

Controller methods must: - answer a buildable object (a block closure or an instance of ILWidget for example). - be in the 'controllers' method protocol (with the default selector filter)

The default controller method is #index.

"""""""""""""""""""" " selectorFilter " """"""""""""""""""""

The class inst var <selectorFilter> is used to filter controller methods. By default it allows all methods in the 'controllers' protocol.

Alternatively, you can override the class method #defaultSelectorFilter to supply your own selectorFilter or plug it in using the class method #selectorFilter:

13.7.1   Iliad.ILApplication class: accessing

absolutePath

Not commented.

path   Base path of the application. Override this method in concrete sub-
                classes. It should return a string

selectorFilter
                Not commented.

selectorFilter: aBlock
                Not commented.

13.7.2   Iliad.ILApplication class: defaults

defaultSelectorFilter
                Override this method to supply your own selectorFilter or plug it in
                using #selectorFilter:

13.7.3   Iliad.ILApplication: accessing

model   Answer 'model'.

model: anObject
                Not commented.

page   Answer 'page'.

selectorFilter
                Not commented.

widgetFor: aBuildable
                Convenience method. This is useful for building anonymous widgets.
                ex: myWidget := self widgetFor: [:e | e h1: 'Hello world!']

13.7.4   Iliad.ILApplication: building

buildContents
                Call #dispatch. A buildable is expected from #dispatch

13.7.5   Iliad.ILApplication: controllers

index   default view method

13.7.6 Iliad.ILApplication: converting

respondOn: aResponse
> Not commented.

13.7.7 Iliad.ILApplication: defaults

defaultPageClass
> Answer 'ILHTMLPage'.

rootElementClass
> Answer 'ILHTMLBuilderElement'.

13.7.8 Iliad.ILApplication: dispatching

allowedSelector: aSelector
> Answer true if <aSelector> is ok to call from a URL. Default implementation is to use the pluggable filter block.

dispatch
> Dispatch to correct controller method. If dispatchOverride returns something different from nil, consider it handled.

dispatchOn: aMethod
> Dispatch to correct method: - If <aMethod> is empty we call #index - If the selector is allowed to be executed then we just call it

dispatchOverride
> Handle special urls. Subclass implementors should call super first and see if it was handled.

13.7.9 Iliad.ILApplication: redirecting

respond: aBlock
> Abort all other request handling

returnResponse: aResponse
> Abort all other request handling

13.7.10   Iliad.ILApplication: updating

updateBaseUrl: anUrl
> Answer the receiver.

updateFromRoute: aRoute
> Answer the receiver.

updatePage: aPage
> Override to add elements to aPage. super should always be called

13.8   Iliad.ILApplicationHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers

13.8.1   Iliad.ILApplicationHandler: initialization

initialize
> Not commented.

13.8.2   Iliad.ILApplicationHandler: request handling

evaluateActions
> Not commented.

handleRequest
> Not commented.

13.8.3   Iliad.ILApplicationHandler: responding

produceResponse
> Not commented.

13.8.4 Iliad.ILApplicationHandler: testing

isRequestValid
 Not commented.

shouldRedirect
 Not commented.

shouldRespondInJson
 Not commented.

shouldReturnEmptyResponse
 Not commented.

13.9 Iliad.ILAreaElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.9.1 Iliad.ILAreaElement: accessing

tag Answer ''area''.

13.9.2 Iliad.ILAreaElement: accessing attributes

accesskey: aCharacter
 Not commented.

alt: aString
 Not commented.

href: aString
 Not commented.

nohref Not commented.

tabindex: anInteger
 Not commented.

13.9.3   Iliad.ILAreaElement: accessing   attributes-imagemap

circleShape
> Not commented.

coords: aString
> Not commented.

defaultShape
> Not commented.

polyShape
> Not commented.

rectShape
> Not commented.

shape: aString
> Not commented.

13.10   Iliad.ILAttributeError

Defined in namespace Iliad
Superclass: Grease.Grease.GRError
Category: Iliad-Core-Elements

13.11   Iliad.ILAttributeNotUnderstood

Defined in namespace Iliad
Superclass: Grease.Grease.GRError
Category: Iliad-Core-Elements

13.11.1   Iliad.ILAttributeNotUnderstood class: instance creation

element: anElement attribute: aString
> Not commented.

13.11.2   Iliad.ILAttributeNotUnderstood: accessing

attribute
> Answer 'attribute'.

attribute: anObject
> Not commented.

element   Answer 'element'.

element: anElement
> Not commented.

13.11.3   Iliad.ILAttributeNotUnderstood: exceptionDescription

defaultAction
> Answer the receiver.

isResumable
> Answer 'true'.

13.11.4   Iliad.ILAttributeNotUnderstood: printing

messageText
> Not commented.

13.12   Iliad.ILBodyElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.12.1   Iliad.ILBodyElement: accessing

tag   Answer ''body''.

13.12.2   Iliad.ILBodyElement: addessing   attributes-events

onLoad: aString
          Not commented.

onUnload: aString
          Not commented.

13.13   Iliad.ILBreakElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.13.1   Iliad.ILBreakElement: accessing

tag   Answer ''br''.

13.13.2   Iliad.ILBreakElement: accessing   attributes-events

onEvent: event add: aString
          Not commented.

13.14   Iliad.ILBuildable

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Buildables
          I am an abstract buildable object. My subclasses must override
          #build method, which should return an instance of a subclass of
          Iliad.ILElement.

13.14.1 Iliad.ILBuildable: accessing

children
> Not commented.

router   Not commented.

13.14.2 Iliad.ILBuildable: accessing attributes

attributeAt: aSymbol
> Not commented.

attributeAt: aSymbol ifAbsentPut: aBlock
> Not commented.

attributeAt: aSymbol put: anObject
> Not commented.

attributes
> Not commented.

13.14.3 Iliad.ILBuildable: actions

send: aSymbol
> Not commented.

send: aSymbol to: anObject
> Not commented.

send: aSymbol to: anObject arguments: anArray
> Not commented.

13.14.4 Iliad.ILBuildable: building

build   Not commented.

buildContents
> Override this method in subclasses. It must answer an Element

buildOn: anElement
> Not commented.

registerChild: aBuildable
> Not commented.

13.14.5   Iliad.ILBuildable: converting

respondOn: aResponse
> Not commented.

13.14.6   Iliad.ILBuildable: printing

printHtmlString
> Not commented.

13.14.7   Iliad.ILBuildable: redirecting

redirectTo: anUrlString
> Abort all other request handling. Redirect to anUrlString

redirectToApplication: aClass
> Abort all other request handling. Redirect to the index method of
> <aClass>

redirectToApplication: aClass controller: aString
> Abort all other request handling. Redirect to the controller named
> <aString> of <aClass>

redirectToCurrentController
> Abort all other request handling. Redirect to the current controller
> method

redirectToIndex
> Abort all other request handling. Redirect to the index method of
> this class

redirectToLocal: aString
> Abort all other request handling. Make a redirection to another
> controller method in this application

13.15   Iliad.ILButtonElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.15.1 Iliad.ILButtonElement: accessing

tag   Answer ''button''.

13.15.2 Iliad.ILButtonElement: accessing attributes

beButton
        Not commented.

beReset
        Not commented.

beSubmit
        Not commented.

type: aString
        Not commented.

value: aString
        Not commented.

13.15.3 Iliad.ILButtonElement: printing

beforePrintHtml
        Not commented.

13.16   Iliad.ILCheckboxElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.16.1 Iliad.ILCheckboxElement: accessing

tag   Answer ''input''.

13.16.2   Iliad.ILCheckboxElement: accessing attributes

action: aBlock
> Not commented.

beChecked
> Not commented.

checked: aBoolean
> Not commented.

13.16.3   Iliad.ILCheckboxElement: printing

addHiddenInput
> Not commented.

beforePrintHtml
> Not commented.

13.17   Iliad.ILClosingElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.17.1   Iliad.ILClosingElement: printing

printHtmlOn: aStream
> Not commented.

13.18   Iliad.ILComposite

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Utilities

13.18.1 Iliad.ILComposite: accessing

children
> Not commented.

next   Answer 'next'.

next: aComposite
> Not commented.

13.18.2 Iliad.ILComposite: adding

add: aComposite
> Not commented.

13.18.3 Iliad.ILComposite: comparing

= anObject
> Not commented.

hash   Not commented.

13.18.4 Iliad.ILComposite: enumerating

allChildrenDo: aBlock
> Not commented.

childrenDo: aBlock
> Not commented.

13.19 Iliad.ILConditionalCommentElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.19.1   Iliad.ILConditionalCommentElement: accessing

conditions
> Not commented.

13.19.2   Iliad.ILConditionalCommentElement: accessing attributes-events

onEvent: event add: aString
> Not commented.

13.19.3   Iliad.ILConditionalCommentElement: conditions

gt   Greater than

ie   Not commented.

ie5   Not commented.

ie50   Not commented.

ie55   Not commented.

ie6   Not commented.

ie7   Not commented.

ie8   Not commented.

lt   Less than

not   Not

13.19.4   Iliad.ILConditionalCommentElement: printing

printCloseTagOn: aStream
> Not commented.

printOpenTagOn: aStream
> Not commented.

13.20   Iliad.ILConfirmationWidget

Defined in namespace Iliad
Superclass: Iliad.ILWidget
Category: Iliad-Core-Buildables

13.20.1   Iliad.ILConfirmationWidget: accessing

confirmationString
>   Answer 'confirmationString'.

confirmationString: aString
>   Not commented.

13.20.2   Iliad.ILConfirmationWidget: building

contents
>   Not commented.

13.21   Iliad.ILContext

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions
>   I store current request context objects:
>
>   - the router - the session - the request itself
>
>   I can be accessed through ILObject>>context

13.21.1   Iliad.ILContext: accessing

application
>   Not commented.

attributes
>   Not commented.

baseUrl   Not commented.

builtWidgets
          Not commented.

previousStateRegistry
          Not commented.

request   Answer 'request'.

request: aRequest
          Not commented.

router   Not commented.

session   Answer 'session'.

session: aSession
          Not commented.

stateRegistry
          Not commented.

urlBuilder
          Not commented.

13.21.2   Iliad.ILContext: accessing-attributes

attributeAt: aKey
          Not commented.

attributeAt: aKey put: anObject
          Not commented.

13.21.3   Iliad.ILContext: adding

addBuiltWidget: aWidget
          Not commented.

13.22 Iliad.ILCookie

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-lib-HTTP
> From Seaside 2.8

> I represent a cookie, a piece of information that is stored on the client and read and writable by the server. I am basically a key/value pair of strings. You can never trust information in a cookie, the client is free to edit it. I model only a part of the full cookie specification.

> For more information see RFC2965 (http://tools.ietf.org/html/rfc2965)

13.22.1 Iliad.ILCookie class: instance creation

key: keyString value: valueString
> Not commented.

13.22.2 Iliad.ILCookie: accessing

expiry Answer 'expiry'.

expiry: anInteger
> Not commented.

key Answer 'key'.

key: aString
> Not commented.

path Not commented.

path: aString
> Not commented.

value Answer 'value'.

value: aString
> Not commented.

13.22.3   Iliad.ILCookie: api

expireIn: aDuration
>Not commented.

valueWithExpiry
>Not commented.

13.22.4   Iliad.ILCookie: comparing

= other   Not commented.

hash   Not commented.

13.22.5   Iliad.ILCookie: writing

writeOn: aStream
>Not commented.

13.23   Iliad.ILCurrentBuildable

Defined in namespace Iliad
Superclass: Iliad.ILDynamicVariable
Category: Iliad-Core-Buildables

13.24   Iliad.ILCurrentContext

Defined in namespace Iliad
Superclass: Iliad.ILDynamicVariable
Category: Iliad-Core-Sessions

13.25 Iliad.ILDecorator

Defined in namespace Iliad
Superclass: Iliad.ILBuildable
Category: Iliad-Core-Buildables

> I am a decorator for Widgets. I can be added to a widget by calling #decorateWith: from a widget. Subclasses can be used to modify the building process of a widget, or change its behavior

13.25.1 Iliad.ILDecorator class: instance creation

decoratee: aDecoratee
> Not commented.

13.25.2 Iliad.ILDecorator: accessing

decoratee
> Answer 'decoratee'.

decoratee: aDecoratee
> Not commented.

widget Not commented.

13.25.3 Iliad.ILDecorator: building

contents
> Not commented.

scripts Answer '#()'.

styles Answer '#()'.

updateHead: aHead
> Not commented.

13.25.4   Iliad.ILDecorator: decorations

handleAnswer: anAnswer
> Not commented.

removeDecorator: aDecorator
> Not commented.

removeYourself
> Not commented.

13.25.5   Iliad.ILDecorator: testing

isDelegator
> Answer 'false'.

isGlobal
> Answer 'false'.

13.26   Iliad.ILDelegator

Defined in namespace Iliad
Superclass: Iliad.ILDecorator
Category: Iliad-Core-Buildables

13.26.1   Iliad.ILDelegator: accessing

newRootElement
> Not commented.

widget   Answer 'widget'.

widget: aWidget
> Not commented.

13.26.2   Iliad.ILDelegator: building

contents
> Not commented.

updateHead: aHead
> Not commented.

13.26.3   Iliad.ILDelegator: decorations

handleAnswer: anAnswer
         Not commented.

13.26.4   Iliad.ILDelegator: testing

isDelegator
         Answer 'true'.

isGlobal
         Answer 'true'.

13.27   Iliad.ILDirectionElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.27.1   Iliad.ILDirectionElement: accessing

tag   Answer ''bdo''.

xmlLang: aString
         Not commented.

13.27.2   Iliad.ILDirectionElement: accessing attributes-
         events

onEvent: event add: aString
         Not commented.

13.27.3   Iliad.ILDirectionElement: acessing attributes

dir: aString
         Not commented.

13.27.4   Iliad.ILDirectionElement: printing

beforePrintHtml
>   Not commented.

13.28   Iliad.ILDirectory

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-RequestHandlers

13.28.1   Iliad.ILDirectory: accessing

fileContentsFor: aFilename
>   This method's functionality should be implemented by subclasses of
>   ILDirectory

13.29   Iliad.ILDiskDirectory

Defined in namespace Iliad
Superclass: Iliad.ILDirectory
Category: Iliad-Core-GST
>   An ILDiskDirectory allows files to be served by Iliad directly from
>   directories of even archives like .star files. I shouldn't be used in
>   production.
>
>   Usage example:
>
>   Iliad.ILFileHandler addDirectory: (Iliad.ILDiskDirectory new direc-
>   tory: (PackageLoader packageAt: 'SomePackage') directory / 'Pub-
>   lic';

13.29.1   Iliad.ILDiskDirectory: accessing

directory
>   Answer 'directory'.

directory: aDirectory
>   Not commented.

fileContentsFor: aString
>   Not commented.

13.30 Iliad.ILDispatcher

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Dispatching

> I am the entry point of requests. I dispatch them with the #dispatch: method to an ILApplicationHandler or a ILFileHandler.
>
> Web server adapters should use the #dispatch: method on the current instance of ILDispatcher - returned by ILDispatcher class>>current - to handle requests, and wait for a ILResponseNotification to respond to them.

13.30.1 Iliad.ILDispatcher class: instance creation

current Not commented.

new This method should not be called for instances of this class.

13.30.2 Iliad.ILDispatcher: dispatching

dispatch: aRequest
> Entry point of requests

13.30.3 Iliad.ILDispatcher: error-handling

withDispatchErrorHandling: aBlock
> Catch dispatch errors

withErrorHandling: aBlock
> Catch errors and use an ILErrorHandler to handle them

13.31 Iliad.ILDispatchError

Defined in namespace Iliad
Superclass: Grease.Grease.GRError
Category: Iliad-Core-Dispatching

13.32   Iliad.ILDivElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.32.1   Iliad.ILDivElement: accessing

tag   Answer ''div''.

13.33   Iliad.ILDynamicVariable

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-Utilities

13.33.1   Iliad.ILDynamicVariable class: defaults

defaultValue
           Answer 'nil'.

13.33.2   Iliad.ILDynamicVariable class: evaluating

use: anObject during: aBlock
           Not commented.

value   Not commented.

13.34   Iliad.ILElement

Defined in namespace Iliad
Superclass: Iliad.ILComposite
Category: Iliad-Core-Elements
           I am the abstract root class of the composite element hierarchy.

           I know how to print myself in HTML format with the #printHtmlOn:
           method

13.34.1 Iliad.ILElement: accessing

attributeAt: akey
　　　　Not commented.

attributeAt: akey ifAbsent: aBlock
　　　　Not commented.

attributeAt: akey ifAbsentPut: aBlock
　　　　Not commented.

attributeAt: aKey put: aValue
　　　　Not commented.

attributes
　　　　Not commented.

contentType
　　　　This method's functionality should be implemented by subclasses of
　　　　ILElement

tag　　　Answer 'nil'.

13.34.2 Iliad.ILElement: adding-conveniance

text: aString
　　　　Not commented.

xml　　　Not commented.

13.34.3 Iliad.ILElement: building

build: aBuildable
　　　　Not commented.

13.34.4 Iliad.ILElement: comparing

= anObject
　　　　Not commented.

hash　　　Not commented.

13.34.5   Iliad.ILElement: converting

respondOn: aResponse
> Not commented.

13.34.6   Iliad.ILElement: error handling

attributeError: key
> Not commented.

doesNotUnderstandAttribute: aString
> Not commented.

13.34.7   Iliad.ILElement: printing

afterPrintHtml
> Answer the receiver.

beforePrintHtml
> Answer the receiver.

printAttribute: anAttribute on: aStream
> Not commented.

printCloseTagOn: aStream
> Not commented.

printHtmlOn: aStream
> Not commented.

printJsonOn: aStream
> Not commented.

printOpenTagOn: aStream
> Not commented.

13.35   Iliad.ILElementError

Defined in namespace Iliad
Superclass: Grease.Grease.GRError
Category: Iliad-Core-Elements

13.36 Iliad.ILEncoder

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-Utilities

13.36.1 Iliad.ILEncoder class: encoding

encodeCharacterForHTTP: aCharacter on: aStream
> Not commented.

encodeForHTTP: aString on: aStream
> Not commented.

encodeUrl: aString on: aStream
> Not commented.

encodeUrlCharacter: aCharacter on: aStream
> Not commented.

printUrl: aString encoded: aBoolean on: aStream
> Not commented.

13.37 Iliad.ILErrorHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers
> """"""""""""""""""""""""""""" " Error handling modes "
> """""""""""""""""""""""""""""

> Error handlers can be in one of the following modes: deployment, verbose or debug. The default mode is verbose. You can switch between modes with class methods in the <accessing modes> protocol.

> When errors occur, the framework with handle them differently depending on the application mode: - in deployment mode, it will respond an error 500; - in verbose mode, it will also respond an error 500, but with error details; - in debug mode, a debugger window will be opened on the error;

13.37.1   Iliad.ILErrorHandler class: accessing

mode   Not commented.

mode: aSymbol
          Not commented.

13.37.2   Iliad.ILErrorHandler class: accessing modes

debugMode
          Not commented.

deploymentMode
          Not commented.

verboseMode
          Not commented.

13.37.3   Iliad.ILErrorHandler: accessing

error   Answer 'error'.

error: anError
          Not commented.

mode   Not commented.

newResponse
          Not commented.

13.37.4   Iliad.ILErrorHandler: responding

produceDebugResponse
          Not commented.

produceDeploymentResponse
          Not commented.

produceResponse
          Not commented.

produceVerboseResponse
          Not commented.

13.37.5   Iliad.ILErrorHandler: testing

isDebugMode
> Not commented.

isDeploymentMode
> Not commented.

isVerboseMode
> Not commented.

13.38   Iliad.ILFieldsetElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.38.1   Iliad.ILFieldsetElement: accessing

tag   Answer ''fieldset''.

13.39   Iliad.ILFileHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers

13.39.1   Iliad.ILFileHandler class: acccessing

directories
> Not commented.

13.39.2   Iliad.ILFileHandler class: accessing

addDirectory: aDirectory
>   Not commented.

defaultMimeType
>   Answer ''application/octet-stream''.

defaultMimeTypes
>   Not commented.

directories: aCollection
>   Not commented.

mimeTypeFor: aString
>   Not commented.

mimeTypes
>   Not commented.

13.39.3   Iliad.ILFileHandler class: defaults

initMimeTypes
>   Not commented.

13.39.4   Iliad.ILFileHandler class: testing

isBinary: aFilename
>   Not commented.

13.39.5   Iliad.ILFileHandler: accessing

directories
>   Not commented.

mimeTypeFor: aFilename
>   Not commented.

newResponse
>   Not commented.

13.39.6 Iliad.ILFileHandler: request handling

handleRequest
> Not commented.

13.39.7 Iliad.ILFileHandler: responding

produceResponse
> Not commented.

13.40 Iliad.ILFileProxy

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-lib-HTTP

13.40.1 Iliad.ILFileProxy class: instance creation

new   Not commented.

13.40.2 Iliad.ILFileProxy: accessing

contentType
> Answer 'contentType'.

contentType: anObject
> Not commented.

contents
> Answer 'contents'.

contents: anObject
> Not commented.

createdTimestamp
> Not commented.

filename
> Answer 'filename'.

filename: anObject
>   Not commented.

timestamps
>   Not commented.

timestampsAt: aSymbol
>   Not commented.

timestampsAt: aSymbol put: aTimestamp
>   Not commented.

13.40.3   Iliad.ILFileProxy: initialization

initialize
>   Not commented.

setCreatedTimestamp
>   Not commented.

13.40.4   Iliad.ILFileProxy: writing

writeToFile
>   Not commented.

13.41   Iliad.ILFormElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.41.1   Iliad.ILFormElement class: defaults

encodingType
>   Answer ''application/x-www-form-urlencoded''.

multipartFormData
>   Answer ''multipart/form-data''.

13.41.2   Iliad.ILFormElement: accessing

tag   Answer ''form''.

url   Not commented.

13.41.3   Iliad.ILFormElement: accessing attributes

accept: aString
> Not commented.

acceptCharset: aString
> Not commented.

acceptCharsets: aCollection
> Not commented.

accepts: aCollection
> Not commented.

beMultipart
> Not commented.

enctype   Not commented.

enctype: aString
> Not commented.

multipart: aBoolean
> Not commented.

useGet   Not commented.

usePost   Not commented.

13.41.4   Iliad.ILFormElement: accessing attributes-events

onReset: aString
> Not commented.

onResetDo: aBlock
> Not commented.

onSubmit: aString
> Not commented.

onSubmitDo: aBlock
> Not commented.

13.41.5   Iliad.ILFormElement: printing

beforePrintHtml
> Not commented.

13.41.6   Iliad.ILFormElement: testing

isMultipart
> Not commented.

13.42   Iliad.ILFormElementElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.42.1   Iliad.ILFormElementElement: accessing

accesskey: aCharacter
> Not commented.

13.42.2   Iliad.ILFormElementElement: accessing   attributes

action: aBlock
> Not commented.

beSubmitOnChange
> Not commented.

beSubmitOnClick
> Not commented.

beSubmitOnEvent: aString
> Not commented.

disabled
> Not commented.

disabled: aBoolean
> Not commented.

name   Not commented.

name: aString
> Not commented.

readonly: aBoolean
> Not commented.

13.43   Iliad.ILHeadElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.43.1   Iliad.ILHeadElement: accessing

tag   Answer ''head''.

13.43.2   Iliad.ILHeadElement: accessing attributes

profile: aString
> Not commented.

profiles: aCollection
> Not commented.

title   Not commented.

title: aString
> Not commented.

13.43.3   Iliad.ILHeadElement: accessing attributes-events

onEvent: event add: aString
> Not commented.

13.43.4   Iliad.ILHeadElement: adding-conveniance

style   Not commented.

style: aString
           Not commented.

13.43.5   Iliad.ILHeadElement: printing

beforePrintHtml
           Not commented.

13.44   Iliad.ILHeadingElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.44.1   Iliad.ILHeadingElement: accessing

level   Answer 'level'.

level: anInteger
           Not commented.

tag   Not commented.

13.44.2   Iliad.ILHeadingElement: accessing   attributes-events

onEvent: event add: aString
           Not commented.

13.45   Iliad.ILHorizontalRuleElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.45.1   Iliad.ILHorizontalRuleElement: accessing

tag   Answer ''hr''.

13.45.2   Iliad.ILHorizontalRuleElement: accessing attributes-events

onEvent: anEvent add: aString
          Not commented.

13.46   Iliad.ILHTMLBuilderElement

Defined in namespace Iliad
Superclass: Iliad.ILElement
Category: Iliad-Core-XHTMLElements

13.46.1   Iliad.ILHTMLBuilderElement: accessing

class: aString
          Not commented.

contentType
          Not commented.

if   Not commented.

13.46.2   Iliad.ILHTMLBuilderElement: accessing attributes-events

onChange: aString
          Not commented.

onChangeDo: aBlock
          Not commented.

13.46.3   Iliad.ILHTMLBuilderElement: accessing attributes

style: aString
          Not commented.

13.46.4   Iliad.ILHTMLBuilderElement: accessing attributes

cssClass
          Not commented.

cssClass: aString
          Not commented.

id   Not commented.

id: aString
          Not commented.

lang: aString
          Not commented.

style   Not commented.

title   Not commented.

title: aString
          Not commented.

xmlLang: aString
          Not commented.

13.46.5 Iliad.ILHTMLBuilderElement: accessing attributes-events

onBlur: aString
> Not commented.

onBlurDo: aBlock
> Not commented.

onClick: aString
> Not commented.

onClickDo: aBlock
> Not commented.

onDoubleClick: aString
> Not commented.

onDoubleClickDo: aBlock
> Not commented.

onEvent: aString add: anotherString
> Not commented.

onEvent: aString do: aBlock
> Not commented.

onFocus: aString
> Not commented.

onKeyDown: aString
> Not commented.

onKeyPress: aString
> Not commented.

onKeyUp: aString
> Not commented.

onMouseOut: aString
> Not commented.

onMouseOver: aString
> Not commented.

onSelect: aString
> Not commented.

13.46.6   Iliad.ILHTMLBuilderElement: adding-conveenience

link   Not commented.

13.46.7   Iliad.ILHTMLBuilderElement: adding-conveniance

a   Not commented.

area   Not commented.

b   Not commented.

b: aString
            Not commented.

bdo   Not commented.

big   Not commented.

big: aString
            Not commented.

blockquote
            Not commented.

blockquote: aString
            Not commented.

br   Not commented.

button   Not commented.

checkbox
            Not commented.

cite   Not commented.

cite: aString
            Not commented.

code   Not commented.

code: aString
            Not commented.

dd   Not commented.

dfn   Not commented.

div   Not commented.

dl   Not commented.

dt   Not commented.

em   Not commented.

em: aString
        Not commented.

favicon   Not commented.

favicon: aString
        Not commented.

fieldset Not commented.

file   Not commented.

form   Not commented.

h   Not commented.

h1   Not commented.

h1: aString
        Not commented.

h2   Not commented.

h2: aString
        Not commented.

h3   Not commented.

h3: aString
        Not commented.

h4   Not commented.

h4: aString
        Not commented.

h5   Not commented.

h5: aString
> Not commented.

h6   Not commented.

h6: aString
> Not commented.

hr   Not commented.

html: aString
> Not commented.

i   Not commented.

i: aString
> Not commented.

img   Not commented.

img: aString
> Not commented.

input   Not commented.

javascript
> Not commented.

label   Not commented.

legend   Not commented.

legend: aString
> Not commented.

li   Not commented.

map   Not commented.

meta   Not commented.

object   Not commented.

ol   Not commented.

optgroup
> Not commented.

option   Not commented.

p   Not commented.

param   Not commented.

password
    Not commented.

pre   Not commented.

pre: aString
    Not commented.

quote   Not commented.

quote: aString
    Not commented.

radio   Not commented.

reset   Not commented.

script   Not commented.

script: aString
    Not commented.

select   Not commented.

small   Not commented.

small: aString
    Not commented.

space   Not commented.

span   Not commented.

strong   Not commented.

strong: aString
    Not commented.

stylesheet
    Not commented.

submit   Not commented.

subscript
    Not commented.

subscript: aString
    Not commented.

superscript
> Not commented.

superscript: aString
> Not commented.

table   Not commented.

tbody   Not commented.

td   Not commented.

textarea
> Not commented.

tfoot   Not commented.

th   Not commented.

thead   Not commented.

tr   Not commented.

tt   Not commented.

ul   Not commented.

var   Not commented.

var: aString
> Not commented.

13.47   Iliad.ILHtmlElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.47.1 Iliad.ILHtmlElement: accessing

beHtml5
Not commented.

beXhtml10Strict
Not commented.

beXhtml10Transitional
Not commented.

beXhtml11
Not commented.

doctype Answer 'doctype'.

doctype: aString
Not commented.

setXmlTag
Not commented.

tag Answer ''html''.

xmlTag Answer 'xmlTag'.

xmlTag: aString
Not commented.

13.47.2 Iliad.ILHtmlElement: accessing attributes

version: aNumber
Not commented.

xmlns Not commented.

xmlns: aString
Not commented.

13.47.3 Iliad.ILHtmlElement: accessing attributes-events

onEvent: event add: aString
Not commented.

13.47.4   Iliad.ILHtmlElement: defaults

defaultXmlns
>   Answer ''http://www.w3.org/1999/xhtml''.

13.47.5   Iliad.ILHtmlElement: printing

beforePrintHtml
>   Not commented.

printHtmlOn: aStream
>   Not commented.

13.47.6   Iliad.ILHtmlElement: testing

hasXmlTag
>   Not commented.

13.48   Iliad.ILHTMLPage

Defined in namespace Iliad
Superclass: Iliad.ILBuildable
Category: Iliad-Core-Buildables

13.48.1   Iliad.ILHTMLPage: accessing attributes

body   Not commented.

head   Not commented.

html   Not commented.

13.48.2   Iliad.ILHTMLPage: building

build   Not commented.

13.49   Iliad.ILId

Defined in namespace Iliad
Superclass: ByteArray
Category: Iliad-Core-Utilities

13.49.1   Iliad.ILId class: defaults

defaultSize
>Answer '12'.

13.49.2   Iliad.ILId class: instance creation

new   Not commented.

new: anInteger
>Not commented.

13.49.3   Iliad.ILId: accessing

table   Not commented.

13.49.4   Iliad.ILId: initialization

initialize
>Not commented.

13.49.5   Iliad.ILId: printing

printOn: aStream
>Not commented.

13.50   Iliad.ILImageElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.50.1   Iliad.ILImageElement: accessing

tag   Answer ''img''.

13.50.2   Iliad.ILImageElement: accessing attributes

alt: aString
            Not commented.

height: anInteger
            Not commented.

ismap   Not commented.

longdesc: aString
            Not commented.

src: aString
            Not commented.

src: src alt: alt
            Not commented.

usemap: aString
            Not commented.

width: anInteger
            Not commented.

13.50.3   Iliad.ILImageElement: printing

beforePrintHtml
            Not commented.

13.51 Iliad.ILInformationWidget

Defined in namespace Iliad
Superclass: Iliad.ILWidget
Category: Iliad-Core-Buildables

13.51.1 Iliad.ILInformationWidget: accessing

informationString
> Answer 'informationString'.

informationString: aString
> Not commented.

13.51.2 Iliad.ILInformationWidget: building

contents
> Not commented.

13.52 Iliad.ILInputElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.52.1 Iliad.ILInputElement: accessing

tag
> Answer ''input''.

13.52.2   Iliad.ILInputElement: accessing attributes

accept: aString
> Not commented.

accepts: aCollection
> Not commented.

alt: aString
> Not commented.

ismap   Not commented.

maxlength: anInteger
> Not commented.

size: anInteger
> Not commented.

usemap: aString
> Not commented.

value: aString
> Not commented.

13.52.3   Iliad.ILInputElement: accessing attributes-types

beFile   Not commented.

beHidden
> Not commented.

beImage
> Not commented.

bePassword
> Not commented.

beReset
> Not commented.

beSubmit
> Not commented.

beText   Not commented.

type: aString
> Not commented.

13.52.4   Iliad.ILInputElement: printing

beforePrintHtml
>   Not commented.

printHtmlOn: aStream
>   Not commented.

13.53   Iliad.ILJson

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-lib-JSON
>   This class reads and writes JSON format data - strings,
>   numbers, boolean, nil, arrays and dictionaries. See
>   http://www.crockford.com/JSON/index.html. It has been ex-
>   tended with syntax for invoking a prearranged list of constructors
>   on read objects.

13.53.1   Iliad.ILJson: accessing

ctorMap
>   Answer 'ctorMap'.

ctorMap: m
>   Not commented.

stream   Answer the value of stream

stream: anObject
>   Set the value of stream

13.53.2   Iliad.ILJson: parsing

readAny
>   This is the main entry point for the JSON parser. See also readFrom:
>   on the class side.

readFrom: aStream
>   Not commented.

13.54   Iliad.ILJsonHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers

13.54.1   Iliad.ILJsonHandler: initialization

initialize
>   Not commented.

13.54.2   Iliad.ILJsonHandler: responding

produceResponse
>   Not commented.

13.54.3   Iliad.ILJsonHandler: testing

shouldRedirect
>   Not commented.

shouldUpdateApplication
>   Not commented.

13.55   Iliad.ILJsonObject

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-lib-JSON

13.55.1   Iliad.ILJsonObject: accessing

at: key   Not commented.

at: key ifAbsent: aBlock
           Not commented.

at: key put: value
           Not commented.

properties
           Answer 'properties'.

13.55.2   Iliad.ILJsonObject: error handling

doesNotUnderstand: aMessage
           Not commented.

13.55.3   Iliad.ILJsonObject: initialization

initialize
           Not commented.

13.56   Iliad.ILJsonSyntaxError

Defined in namespace Iliad
Superclass: Grease.Grease.GRError
Category: Iliad-Core-lib-JSON
           Class Json signals instances of me when an input stream contains
           invalid JSON input.

13.57   Iliad.ILLabelElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.57.1   Iliad.ILLabelElement: accessing

tag   Answer ''label''.

13.57.2   Iliad.ILLabelElement: accessing attributes

accesskey: aCharacter
          Not commented.

for: aString
          Not commented.

13.58   Iliad.ILLegendElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.58.1   Iliad.ILLegendElement: accessing

tag   Answer ''legend''.

13.58.2   Iliad.ILLegendElement: accessing attributes

accesskey: aCharacter
          Not commented.

13.59   Iliad.ILLinkableElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.59.1 Iliad.ILLinkableElement: accessing attributes

accesskey: aCharacter
Not commented.

charset: aString
Not commented.

contentType: aString
Not commented.

href: aString
Not commented.

hreflang: aString
Not commented.

linkToApplication: anApplicationClass
Not commented.

linkToApplication: anApplicationClass controller: aString
Not commented.

linkToLocal: aString
Not commented.

target: aString
Not commented.

type: aString
Not commented.

13.59.2 Iliad.ILLinkableElement: accessing attributes-relationships

beAlternate
Not commented.

beAppendix
Not commented.

beBookmark
Not commented.

beChapter
Not commented.

beContents
> Not commented.

beCopyright
> Not commented.

beFavicon
> Not commented.

beGlossary
> Not commented.

beHelp   Not commented.

beIndex
> Not commented.

beNext   Not commented.

bePrev   Not commented.

bePrevious
> Not commented.

beRss   Not commented.

beSection
> Not commented.

beStart   Not commented.

beStylesheet
> Not commented.

beSubsection
> Not commented.

rel: aString
> Not commented.

13.59.3   Iliad.ILLinkableElement: accessing attributes-reverse links

fromAlternate
> Not commented.

fromAppendix
> Not commented.

fromBookmark
> Not commented.

fromChapter
> Not commented.

fromContents
> Not commented.

fromCopyright
> Not commented.

fromGlossary
> Not commented.

fromHelp
> Not commented.

fromIndex
> Not commented.

fromNext
> Not commented.

fromPrev
> Not commented.

fromPrevious
> Not commented.

fromSection
> Not commented.

fromStart
> Not commented.

fromStylesheet
> Not commented.

fromSubsection
> Not commented.

rev: aString
> Not commented.

13.60   Iliad.ILLinkElement

Defined in namespace Iliad
Superclass: Iliad.ILLinkableElement
Category: Iliad-Core-XHTMLElements

13.60.1   Iliad.ILLinkElement: accessing

tag   Answer ''link''.

13.60.2   Iliad.ILLinkElement: accessing attributes

allMedia
          Not commented.

auralMedia
          Not commented.

brailleMedia
          Not commented.

handheldMedia
          Not commented.

media: aString
          Not commented.

printMedia
          Not commented.

projectionMedia
          Not commented.

screenMedia
          Not commented.

ttyMedia
          Not commented.

tvMedia
          Not commented.

type: aString
          Not commented.

13.60.3   Iliad.ILLinkElement: printing

printHtmlOn: aStream
> Not commented.

13.61   Iliad.ILListElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.61.1   Iliad.ILListElement: accessing

beOrdered
> Not commented.

beUnordered
> Not commented.

tag   Answer 'tag'.

tag: aString
> Not commented.

13.62   Iliad.ILListItemElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.62.1   Iliad.ILListItemElement: accessing

tag   Answer ''li".

13.63   Iliad.ILMapElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.63.1   Iliad.ILMapElement: accessing

tag   Answer ''map''.

13.63.2   Iliad.ILMapElement: accessing attributes

classes: aCollection
          Not commented.

13.64   Iliad.ILMemoryDirectory

Defined in namespace Iliad
Superclass: Iliad.ILDirectory
Category: Iliad-Core-RequestHandlers

13.64.1   Iliad.ILMemoryDirectory class: maintenance

addAllFilesIn: aPathString
          Answer the receiver.

addFileAt: aPath
          Answer the receiver.

13.64.2   Iliad.ILMemoryDirectory: accessing

fileContentsFor: aString
          Not commented.

fileSelectors
          Not commented.

path   answer the base path of the memory directory

13.64.3   Iliad.ILMemoryDirectory: maintenence

deployFiles
> Write to disk the files that the receiver use to serve as methods. The files are stored in a subfolder named like the classname of the receiver in a subfolder of Smalltalk image folder.

removeFile: aFilename
> Not commented.

13.64.4   Iliad.ILMemoryDirectory: testing

isFileSelector: aSelector
> Only methods in 'files' protocol are allowed to be served as files

13.65   Iliad.ILMetaElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.65.1   Iliad.ILMetaElement: accessing

tag   Answer ''meta''.

13.65.2   Iliad.ILMetaElement: accessing attributes

class: aString
> Not commented.

classes: aCollection
> Not commented.

content: aString
> Not commented.

contentType
> Not commented.

expires   Not commented.

httpEquiv: aString
             Not commented.

name: aString
             Not commented.

refresh   Not commented.

scheme: aString
             Not commented.

setCookie
             Not commented.

title: aString
             Not commented.

13.65.3   Iliad.ILMetaElement: accessing attributes-events

onEvent: event add: aString
             Not commented.

13.65.4   Iliad.ILMetaElement: printing

beforePrintHtml
             Not commented.

13.66   Iliad.ILModelProxy

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-Utilities

13.66.1   Iliad.ILModelProxy class: instance creation

on: anObject
             Not commented.

13.66.2   Iliad.ILModelProxy: accessing

model   Answer 'model'.

13.66.3   Iliad.ILModelProxy: forwarding

commit   Not commented.

doesNotUnderstand: aMessage
           Not commented.

13.66.4   Iliad.ILModelProxy: initializing

setModel: anObject
           Not commented.

13.67   Iliad.ILNotFoundHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers

13.67.1   Iliad.ILNotFoundHandler: responding

produceResponse
           Not commented.

13.68   Iliad.ILObject

Defined in namespace Iliad
Superclass: Grease.Grease.GRObject
Category: Iliad-Core-Utilities
           ILObject is the base class for all Iliad classes. It guarantees that
           #initialize is send upon object creation. Additionally it provides
           convienience methods for accessing the current context, session and
           application.

13.68.1   Iliad.ILObject: accessing

application
>   Not commented.

context   Not commented.

request   Not commented.

session   Not commented.

urlBuilder
>   Not commented.

13.69   Iliad.ILObjectElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.69.1   Iliad.ILObjectElement: accessing

tag   Answer ''object''.

13.69.2   Iliad.ILObjectElement: accessing attributes

archive: aString
>   Not commented.

archives: aCollection
>   Not commented.

classid: aString
>   Not commented.

codebase: aString
>   Not commented.

codetype: aString
>   Not commented.

data: aString
        Not commented.

declare   Not commented.

declareOnly
        Not commented.

height: anInteger
        Not commented.

name: aString
        Not commented.

standby: aString
        Not commented.

tabindex: anInteger
        Not commented.

type: aString
        Not commented.

usemap: aString
        Not commented.

width: anInteger
        Not commented.

13.70   Iliad.ILOptionElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.70.1   Iliad.ILOptionElement: accessing

tag   Answer ''option''.

13.70.2   Iliad.ILOptionElement: accessing attributes

disabled
>   Not commented.

disabled: aBoolean
>   Not commented.

label: aString
>   Not commented.

selected   Not commented.

selected: aBoolean
>   Not commented.

value: aString
>   Not commented.

13.70.3   Iliad.ILOptionElement: accessing-attributes

action: aBlock
>   Not commented.

13.71   Iliad.ILOptionGroupElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.71.1   Iliad.ILOptionGroupElement: accessing

tag   Answer ''optgroup''.

13.71.2   Iliad.ILOptionGroupElement: accessing   attributes

disabled
>   Not commented.

label: aString
>   Not commented.

13.72 Iliad.ILParagraphElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.72.1 Iliad.ILParagraphElement: accessing

tag Answer ''p''.

13.73 Iliad.ILParameterElement

Defined in namespace Iliad
Superclass: Iliad.ILClosingElement
Category: Iliad-Core-XHTMLElements

13.73.1 Iliad.ILParameterElement: accessing

tag Answer ''param''.

13.73.2 Iliad.ILParameterElement: accessing attributes

beData Not commented.

beObject
  Not commented.

beReference
  Not commented.

name: aString
  Not commented.

type: aString
  Not commented.

value: aString
  Not commented.

valuetype: aString
  Not commented.

13.73.3   Iliad.ILParameterElement: adding

add: anElement
          Not commented.

13.73.4   Iliad.ILParameterElement: printing

beforePrintHtml
          Not commented.

13.74   Iliad.ILPluggableWidget

Defined in namespace Iliad
Superclass: Iliad.ILWidget
Category: Iliad-Core-Buildables

13.74.1   Iliad.ILPluggableWidget: accessing

contentsBlock
          Not commented.

contentsBlock: aBlock
          Not commented.

13.74.2   Iliad.ILPluggableWidget: building

contents
          Not commented.

13.75   Iliad.ILPrependDelegator

Defined in namespace Iliad
Superclass: Iliad.ILDelegator
Category: Iliad-Core-Buildables

13.75.1 Iliad.ILPrependDelegator: building

contents
>   Not commented.

13.76   Iliad.ILProfiler

Defined in namespace Iliad
Superclass: Iliad.ILDecorator
Category: Iliad-Core-Buildables

13.76.1 Iliad.ILProfiler: building

contents
>   Not commented.

13.77   Iliad.ILRadioButtonElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.77.1 Iliad.ILRadioButtonElement: accessing

tag   Answer ''input''.

13.77.2 Iliad.ILRadioButtonElement: accessing at-
tributes

action: aBlock
>   Not commented.

beSelected
>   Not commented.

selected: aBoolean
> Not commented.

value: aString
> Not commented.

13.77.3   Iliad.ILRadioButtonElement: printing

beforePrintHtml
> Not commented.

13.78   Iliad.ILRawHtmlElement

Defined in namespace Iliad
Superclass: Iliad.ILElement
Category: Iliad-Core-XHTMLElements

13.78.1   Iliad.ILRawHtmlElement: accessing

contents
> Not commented.

contents: aString
> Not commented.

13.78.2   Iliad.ILRawHtmlElement: printing

printHtmlOn: aStream
> Not commented.

13.79   Iliad.ILRedirectHandler

Defined in namespace Iliad
Superclass: Iliad.ILRequestHandler
Category: Iliad-Core-RequestHandlers

13.79.1   Iliad.ILRedirectHandler: responding

produceResponse
>   Not commented.

13.79.2   Iliad.ILRedirectHandler: testing

shouldRespondInJson
>   Not commented.

13.80   Iliad.ILRequest

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-lib-HTTP
>   From Seaside 2.8.

>   I am a server independent http request object.

13.80.1   Iliad.ILRequest class: instance creation

new   Not commented.

13.80.2   Iliad.ILRequest: accessing

actionField
>   Not commented.

ajaxUploadField
>   Not commented.

at: key   Not commented.

at: key ifAbsent: aBlock
>   Not commented.

cookies   Answer 'cookies'.

cookies: anObject
>   Not commented.

fields   Answer 'fields'.

fields: anObject
          Not commented.

hashLocationField
          Not commented.

headerAt: aKey
          Not commented.

headerAt: aKey ifAbsent: aBlock
          Not commented.

headers   Answer 'headers'.

headers: aDictionary
          Not commented.

jsonField
          Not commented.

method   Answer 'method'.

method: aString
          Not commented.

nativeRequest
          Answer 'nativeRequest'.

nativeRequest: aRequest
          Not commented.

password
          Not commented.

sessionField
          Not commented.

stateField
          Not commented.

url   Answer 'url'.

url: anUrl
          Not commented.

user   Not commented.

userAgent
          Not commented.

13.80.3 Iliad.ILRequest: initialization

initialize
>Not commented.

13.80.4 Iliad.ILRequest: testing

hasCookies
>Not commented.

isAjaxRequest
>Not commented.

isGet Not commented.

isPost Not commented.

isPrefetch
>Not commented.

isPut Not commented.

isTypeOfRequestForJson
>Not commented.

isTypeOfRequestForRedirect
>Not commented.

13.81   Iliad.ILRequestHandler

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-RequestHandlers
>I implement the basic behavior needed to handle requests.
>
>My sublcasses must override #newResponse to handle requests, and most likely #produceResponse. The current handled request is answered by the #request method inherited from ILObject

13.81.1   Iliad.ILRequestHandler: request handling

handleRequest
>Not commented.

13.81.2   Iliad.ILRequestHandler: responding

produceResponse
> Not commented.

13.82   Iliad.ILResponse

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-lib-HTTP
> From Seaside 2.8

> I am a server independent http response object.

13.82.1   Iliad.ILResponse class: instance creation

forbidden
> Not commented.

new   Not commented.

notFound
> Not commented.

ok   Not commented.

redirect   Not commented.

13.82.2   Iliad.ILResponse: accessing

addCookie: aCookie
> Not commented.

contentType
> Answer 'contentType'.

contentType: mimeTypeString
> Not commented.

contents
> Not commented.

contents: aStream
>   Not commented.

cookieAt: key put: value
>   Not commented.

cookies   Not commented.

headerAt: key put: value
>   Not commented.

headers   Not commented.

initialize
>   Not commented.

release   Not commented.

status   Answer 'status'.

status: anInteger
>   Not commented.

stream   Answer 'stream'.

stream: aStream
>   Not commented.

13.82.3   Iliad.ILResponse: convenience

attachmentWithFileName: aString
>   Not commented.

basicAuthenticationRealm: aString
>   Not commented.

redirectTo: aString
>   Not commented.

13.82.4   Iliad.ILResponse: printing

printOn: aStream
>   Not commented.

13.82.5   Iliad.ILResponse: status

authenticationFailed
          Not commented.

forbidden
          Not commented.

internalError
          Not commented.

notFound
          Not commented.

ok   Not commented.

redirect   Not commented.

13.82.6   Iliad.ILResponse: streaming

nextPut: aCharacter
          Not commented.

nextPutAll: aString
          Not commented.

space   Not commented.

13.83   Iliad.ILResponseNotification

Defined in namespace Iliad
Superclass: Notification
Category: Iliad-Core-RequestHandlers

13.83.1   Iliad.ILResponseNotification: accessing

response
          Answer 'response'.

response: aResponse
          Not commented.

13.84 Iliad.ILRoute

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Dispatching

> I represent a route, used to dispatch a request. My path is a collection of string, representing each part of the path of an url, and can be streamed with methods in the <streaming> protocol.

13.84.1 Iliad.ILRoute class: accessing

delimiters
> Not commented.

13.84.2 Iliad.ILRoute class: instance creation

path: aCollection
> Not commented.

13.84.3 Iliad.ILRoute: accessing

basePath
> Not commented.

delimiter
> Not commented.

delimiters
> Not commented.

path Not commented.

13.84.4 Iliad.ILRoute: converting

pathString
> Not commented.

uriString
> Not commented.

13.84.5   Iliad.ILRoute: initialization

initializeWithPath: aCollection
> Not commented.

13.84.6   Iliad.ILRoute: iterating

currentPath
> Return an absolute url of the current streamed path separated with
> delimiters, like this: /foo/bar/baz

13.84.7   Iliad.ILRoute: printing

printOn: aStream
> Not commented.

13.84.8   Iliad.ILRoute: streaming

atEnd   Not commented.

next   Not commented.

peek   Not commented.

position   Not commented.

position: anInteger
> Not commented.

reset   Not commented.

13.85   Iliad.ILRouter

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Dispatching

13.85.1 Iliad.ILRouter: accessing

application
>   Answer 'application'.

controller
>   Answer 'controller'.

hashRoute
>   Not commented.

route   Not commented.

13.85.2 Iliad.ILRouter: dispatching

dispatchRequest
>   Not commented.

13.85.3 Iliad.ILRouter: initialization

initialize
>   Not commented.

13.85.4 Iliad.ILRouter: testing

shouldRedirect
>   Not commented.

13.85.5 Iliad.ILRouter: updating

updateApplicationFromRoute
>   Not commented.

13.86 Iliad.ILRubyTextElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.86.1   Iliad.ILRubyTextElement: accessing

tag   Answer ''rt''.

13.86.2   Iliad.ILRubyTextElement: accessing attributes

rbspan: anInteger
          Not commented.

13.87   Iliad.ILScriptElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.87.1   Iliad.ILScriptElement: accessing

contents
          Not commented.

contents: aString
          Not commented.

tag   Answer ''script''.

13.87.2   Iliad.ILScriptElement: accessing attributes

beJavascript
          Not commented.

charset: aString
          Not commented.

defer   Not commented.

language: aString
          Not commented.

src: aString
          Not commented.

type: aString
          Not commented.

13.87.3   Iliad.ILScriptElement: printing

beforePrintHtml
>   Not commented.

printHtmlOn: aStream
>   do not encode contents!!

13.88   Iliad.ILSelectElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.88.1   Iliad.ILSelectElement: accessing

tag   Answer ''select".

13.88.2   Iliad.ILSelectElement: accessing attributes

action: aBlock
>   This method should not be called for instances of this class.

beMultiple
>   Not commented.

size: anInteger
>   Not commented.

13.88.3   Iliad.ILSelectElement: initialize release

initialize
>   Not commented.

13.89   Iliad.ILSequence

Defined in namespace Iliad
Superclass: Iliad.ILWidget
Category: Iliad-Core-Buildables

13.89.1   Iliad.ILSequence: building

build   Not commented.

contents
          This method should not be called for instances of this class.

13.89.2   Iliad.ILSequence: control flow

restart   Not commented.

start   Answer the receiver.

13.89.3   Iliad.ILSequence: testing

shouldStart
          Not commented.

13.90   Iliad.ILSession

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions
          I represent a session in Iliad. I persist as long as I am active (i.e.
          an user interacts with an application). When I am inactive, I expire
          after a timeout set by #expirySeconds. I also store actions and
          applications

13.90.1   Iliad.ILSession: accessing

applications
>   Not commented.

dirtyWidgets
>   Not commented.

encoding
>   Not commented.

id   Answer 'id'.

id: anObject
>   Not commented.

nextId   Not commented.

previousStateRegistry
>   Not commented.

route   Not commented.

sessionManager
>   Not commented.

stateRegistry
>   Not commented.

13.90.2   Iliad.ILSession: accessing others

otherAt: aKey
>   Not commented.

otherAt: aKey ifAbsentPut: aBlock
>   Not commented.

otherAt: aKey put: anObject
>   Not commented.

others   Not commented.

13.90.3   Iliad.ILSession: accessing preferences

charset   Not commented.

charset: aString
          Not commented.

expirySeconds
          Not commented.

expirySeconds: anInteger
          Not commented.

language
          Not commented.

language: aSymbol
          Not commented.

preferenceAt: aSymbol
          Not commented.

preferenceAt: aSymbol ifAbsentPut: aBlock
          Not commented.

preferenceAt: aSymbol put: anObject
          Not commented.

preferences
          Not commented.

refreshOnBacktrack
          Not commented.

refreshOnBacktrack: aBoolean
          Not commented.

useCookies
          Not commented.

useCookies: aBoolean
          Not commented.

13.90.4   Iliad.ILSession: accessing timestamps

createdTimestamp
>   Not commented.

modifiedTimestamp
>   Not commented.

setCreatedTimestamp
>   Not commented.

setModifiedTimestamp
>   Not commented.

timestampAt: aSymbol
>   Not commented.

timestampAt: aSymbol ifAbsentPut: aBlock
>   Not commented.

timestampAt: aSymbol put: anObject
>   Not commented.

timestamps
>   Not commented.

13.90.5   Iliad.ILSession: actions

actionAt: aKeyString
>   Not commented.

actionFor: aBlock
>   Not commented.

actionRegistry
>   Not commented.

evaluateActionKey: aString
>   Not commented.

registerAction: anAction
>   Not commented.

registerActionFor: aBlock
>   Not commented.

13.90.6   Iliad.ILSession: cleaning

clearActionRegistry
>   Not commented.

clearRedirectUrl
>   Not commented.

clearStateRegistries
>   Not commented.

13.90.7   Iliad.ILSession: defaults

defaultExpirySeconds
>   Answer '1800'.

defaultLanguage
>   Answer ''en''.

13.90.8   Iliad.ILSession: events

onExpire
>   Not commented.

13.90.9   Iliad.ILSession: initialization

initialize
>   Not commented.

13.90.10   Iliad.ILSession: redirection

redirect   Not commented.

redirectTo: anUrlString
>   Not commented.

redirectToIndex
>   Not commented.

redirectToLocal: anUrlString
>   Not commented.

redirectUrl
>   Answer 'redirectUrl'.

redirectUrl: aString
>   Not commented.

13.90.11   Iliad.ILSession: states

newStateRegistry
>   Not commented.

stateRegistries
>   Not commented.

stateRegistryAt: aString
>   Not commented.

13.90.12   Iliad.ILSession: testing

isExpired
>   Not commented.

shouldUseSessionField
>   Not commented.

13.91   Iliad.ILSessionManager

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions
>   I am responsible for managing, creating and removing sessions. The
>   class method #current answers my only instance.
>
>   You shouldn't subclass me. Instead, you can change my preferences
>   with methods in the <accessing preferences> protocol.
>
>   In addition, do not try to access the current session from here, use
>   ILContext>>session instead.
>
>   – maintenance –
>
>   To remove all sessions, even not expired ones, call
>   #removeAllSessions.   To remove all expired sessions, call
>   #removeExpiredSessions

13.91.1　Iliad.ILSessionManager class: instance creation

current　　Not commented.

new　　　This method should not be called for instances of this class.

13.91.2　Iliad.ILSessionManager: accessing

expiredSessions
　　　　　Not commented.

sessions　Not commented.

13.91.3　Iliad.ILSessionManager: accessing preferences

cookieName
　　　　　Not commented.

cookieName: aString
　　　　　Not commented.

preferenceAt: aSymbol
　　　　　Not commented.

preferenceAt: aSymbol ifAbsentPut: aBlock
　　　　　Not commented.

preferenceAt: aSymbol put: anObject
　　　　　Not commented.

preferences
　　　　　Not commented.

sessionClass
　　　　　Not commented.

sessionClass: aSessionClass
　　　　　Not commented.

13.91.4 Iliad.ILSessionManager: adding-removing

addSession: aSession
> Not commented.

removeSession: aSession
> Not commented.

sessionFor: aRequest
> Answer the according session for <aRequest>. the session id may be found from <aRequest> cookies or <aRequest> fields. If no session is found, create and return a new one

13.91.5 Iliad.ILSessionManager: enumerating

sessionsDo: aBlock
> Not commented.

13.91.6 Iliad.ILSessionManager: initialization

initialize
> Not commented.

13.91.7 Iliad.ILSessionManager: testing

hasSession: aSession
> Not commented.

shouldRemoveExpiredSessions
> Do not remove all expired sessions for each request

13.92 Iliad.ILSpanElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.92.1   Iliad.ILSpanElement: accessing

tag   Answer ''span''.

13.93   Iliad.ILStateRegistry

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions

13.93.1   Iliad.ILStateRegistry class: instance creation

fromRegistry: aStateRegistry
          Not commented.

13.93.2   Iliad.ILStateRegistry: accessing

key   Not commented.

setStates: aDictionary
          Not commented.

stateAt: aWidget
          Not commented.

states   Not commented.

widgets   Not commented.

13.93.3   Iliad.ILStateRegistry: states

dirtyChildrenOf: aBuildable
          Not commented.

dirtyWidgets
          Answer all widgets which state has changed

register: aWidget
          Not commented.

unregister: aWidget
> Not commented.

unregisterAllWidgets
> Not commented.

13.93.4   Iliad.ILStateRegistry: testing

isWidgetDirty: aWidget
> Not commented.

13.94   Iliad.ILTableBodyElement

Defined in namespace Iliad
Superclass: Iliad.ILTableElementElement
Category: Iliad-Core-XHTMLElements

13.94.1   Iliad.ILTableBodyElement: accessing

tag   Answer ''tbody''.

13.95   Iliad.ILTableCellElement

Defined in namespace Iliad
Superclass: Iliad.ILTableElementElement
Category: Iliad-Core-XHTMLElements

13.95.1   Iliad.ILTableCellElement: accessing attributes-table

abbr: aString
> Not commented.

axis: aString
> Not commented.

colScope
>   Not commented.

colgroupScope
>   Not commented.

colspan: anInteger
>   Not commented.

headers: aCollection
>   Not commented.

rowScope
>   Not commented.

rowgroupScope
>   Not commented.

rowspan: anInteger
>   Not commented.

scope: aString
>   Not commented.

13.96   Iliad.ILTableDataElement

Defined in namespace Iliad
Superclass: Iliad.ILTableCellElement
Category: Iliad-Core-XHTMLElements

13.96.1   Iliad.ILTableDataElement: accessing

tag   Answer ''td''.

13.97   Iliad.ILTableElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.97.1 Iliad.ILTableElement: accessing

tag   Answer ''table''.

13.97.2 Iliad.ILTableElement: accessing attributes

aboveFrame
            Not commented.

allRules   Not commented.

belowFrame
            Not commented.

border: anInteger
            Not commented.

borderFrame
            Not commented.

boxFrame
            Not commented.

cellpadding: anInteger
            Not commented.

cellspacing: anInteger
            Not commented.

colsRules
            Not commented.

frame: aString
            Not commented.

groupRules
            Not commented.

hsidesFrame
            Not commented.

lhsFrame
            Not commented.

noRules
            Not commented.

rhsFrame
> Not commented.

rowsRules
> Not commented.

rules: aString
> Not commented.

summary: aString
> Not commented.

voidFrame
> Not commented.

vsidesFrame
> Not commented.

width: anInteger
> Not commented.

13.98   Iliad.ILTableElementElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.98.1   Iliad.ILTableElementElement: accessing attributes-table

align: aString
> Not commented.

baselineValign
> Not commented.

bottomValign
> Not commented.

centerAlign
> Not commented.

character: aCharacter
> Not commented.

characterAlign
> Not commented.

charoff: anInteger
> Not commented.

justifyAlign
> Not commented.

leftAlign
> Not commented.

middleValign
> Not commented.

rightAlign
> Not commented.

topValign
> Not commented.

valign: aString
> Not commented.

13.99   Iliad.ILTableFootElement

Defined in namespace Iliad
Superclass: Iliad.ILTableElementElement
Category: Iliad-Core-XHTMLElements

13.99.1   Iliad.ILTableFootElement: accessing

tag   Answer ''tfoot''.

13.100   Iliad.ILTableHeadElement

Defined in namespace Iliad
Superclass: Iliad.ILTableElementElement
Category: Iliad-Core-XHTMLElements

13.100.1   Iliad.ILTableHeadElement: accessing

tag   Answer ''thead''.

13.101   Iliad.ILTableHeaderElement

Defined in namespace Iliad
Superclass: Iliad.ILTableCellElement
Category: Iliad-Core-XHTMLElements

13.101.1   Iliad.ILTableHeaderElement: accessing

tag   Answer ''th''.

13.102   Iliad.ILTableRowElement

Defined in namespace Iliad
Superclass: Iliad.ILTableCellElement
Category: Iliad-Core-XHTMLElements

13.102.1   Iliad.ILTableRowElement: accessing

tag   Answer ''tr''.

13.103   Iliad.ILTextAreaElement

Defined in namespace Iliad
Superclass: Iliad.ILFormElementElement
Category: Iliad-Core-XHTMLElements

13.103.1 Iliad.ILTextAreaElement: accessing

tag   Answer ''textarea''.

13.103.2 Iliad.ILTextAreaElement: accessing attributes

cols: anInteger
        Not commented.

rows: anInteger
        Not commented.

tabindex: anInteger
        Not commented.

13.104   Iliad.ILTextElement

Defined in namespace Iliad
Superclass: Iliad.ILElement
Category: Iliad-Core-Elements

13.104.1 Iliad.ILTextElement: accessing

contents
        Not commented.

contents: aString
        Not commented.

tag   Answer 'tag'.

tag: aString
        Not commented.

13.104.2 Iliad.ILTextElement: adding

add: anElement
        Not commented.

text: aString
        Not commented.

13.104.3   Iliad.ILTextElement: printing

printHtmlOn: aStream
> Not commented.

13.105   Iliad.ILTitleElement

Defined in namespace Iliad
Superclass: Iliad.ILHTMLBuilderElement
Category: Iliad-Core-XHTMLElements

13.105.1   Iliad.ILTitleElement: accessing

tag   Answer ''title''.

13.105.2   Iliad.ILTitleElement: accessing   attributes-events

onEvent: anEvent add: aString
> Not commented.

13.106   Iliad.ILUrl

Defined in namespace Iliad
Superclass: Object
Category: Iliad-Core-lib-HTTP
> I represent all portions of an URL as described by the RFC 1738. I include scheme, username, password, hostname, port, path, parameters, and fragment.

> Portions of this code are based on code of Kazuki Yasumatsu and Paolo Bonzini.

> Instance Variables scheme: <String> or nil username: <String> or nil password: <String> or nil hostname: <String> or nil port: <Integer> or nil path: <OrderedCollection> or nil parameters: <Grease.GRSmallDictionary> fragment: <String> or nil

13.106.1 Iliad.ILUrl class: decoding

decodePercent: aString
    percent decodes the given String

13.106.2 Iliad.ILUrl class: instance creation

new   Not commented.

13.106.3 Iliad.ILUrl class: parsing

absolute: aString
    Parse aString as an absolute URL.

absolute: aString relative: aRelativeString
    Take absolute URL aString and combine it with a relative path
    aRelativeString.

13.106.4 Iliad.ILUrl: accessing

fragment
    Answer the fragment part of the URL.

fragment: aString
    Not commented.

hostname
    Answer the host part of the URL.

hostname: aString
    Not commented.

parameters
    Not commented.

password
    Answer the password part of the URL.

password: aString
    Not commented.

path   Answer the path part of the URL.

path: aCollection
        Set the path part of the URL to aCollection.

port   Answer the port number part of the URL.

port: aNumber
        Not commented.

scheme   Answer the URL's scheme.

scheme: aString
        we really expect a String here, Old versions (2.7) expected a Symbol
        you can still pass a Symbol and get away with it but don't expect this
        behavior to be supported in future versions. #greaseString is the
        'correct' way to convert a Symbol to a String since #displayString
        will add a hash on VW

username
        Answer the username part of the URL.

username: aString
        Not commented.

13.106.5   Iliad.ILUrl: adding

addAllToPath: aCollectionOfStrings
        convenice method to add a collection of strings to the path

addParameter: aString
        Not commented.

addParameter: keyString value: valueString
        Not commented.

addToPath: aString
        Not commented.

13.106.6   Iliad.ILUrl: basic

, aString
        Not commented.

13.106.7   Iliad.ILUrl: comparing

= anUrl
>   Not commented.

hash   Not commented.

13.106.8   Iliad.ILUrl: converting

asString
>   Not commented.

greaseString
>   Not commented.

pathString
>   Answer the path converted to a string.

relativeTo: anUrl
>   Answer a path element collection relative from the receiver to anUrl.

13.106.9   Iliad.ILUrl: copying

postCopy
>   Not commented.

with: pathString
>   Not commented.

withParameter: aString
>   Not commented.

withParameter: aString value: valueString
>   Not commented.

withoutParameters
>   Not commented.

13.106.10   Iliad.ILUrl: encoding

printFragmentOn: aStream encoded: aBoolean
>   Not commented.

printOn: aStream encoded: aBoolean usingHtmlEntities: another-Boolean
>   Not commented.

printParametersOn: aStream encoded: aBoolean usingHtmlEntities: anotherBoolean
>   Not commented.

printPathOn: aStream encoded: aBoolean
>   Not commented.

printServerOn: aStream encoded: aBoolean
>   Not commented.

13.106.11   Iliad.ILUrl: initialization

initialize
>   Not commented.

initializeFromString: aString
>   Not commented.

13.106.12   Iliad.ILUrl: parsing

parseFragment: aString
>   Not commented.

parseHost: aString
>   Not commented.

parseParameters: aString
>   Not commented.

parsePath: aString
>   Not commented.

13.106.13 Iliad.ILUrl: printing

printEncodedOn: aStream
> Not commented.

printOn: aStream
> Not commented.

printOn: aStream encoded: aBoolean
> Not commented.

13.106.14 Iliad.ILUrl: removing

removeParameter: aString
> Not commented.

13.107 Iliad.ILUrlBuilder

Defined in namespace Iliad
Superclass: Iliad.ILObject
Category: Iliad-Core-Sessions

13.107.1 Iliad.ILUrlBuilder class: accessing

actionKey
> Not commented.

addRewriteRule: aBlock
> Not commented.

ajaxUploadKey
> Not commented.

hashKey
> Not commented.

rewriteRules
> Rewrite rules are used to replace patterns in the baseUrl

sessionKey
> Not commented.

stateKey
> Not commented.

13.107.2   Iliad.ILUrlBuilder class: defaults

defaultActionKey
>   Answer ''_action".

defaultAjaxUploadKey
>   Answer ''_ajax_upload".

defaultHashKey
>   Answer ''_hash".

defaultSessionKey
>   Answer ''_session".

defaultStateKey
>   Answer ''_state".

13.107.3   Iliad.ILUrlBuilder: accessing

actionKey
>   Not commented.

hashKey
>   Not commented.

rewriteRules
>   Not commented.

sessionKey
>   Not commented.

stateKey
>   Not commented.

13.107.4   Iliad.ILUrlBuilder: generating

addDefaultParametersTo: anUrl
>   Not commented.

applyRewriteRulesTo: anUrl
>   Not commented.

baseUrl   Not commented.

urlFor: aString
>   Not commented.

urlForAction: anAction
>   Not commented.

urlForAction: anAction hash: aHashString
>   Not commented.

urlForActionKey: aKeyString hash: aHashString
>   Not commented.

urlForRedirection: aString
>   Not commented.

13.107.5   Iliad.ILUrlBuilder: testing

shouldUseSessionField
>   Not commented.

13.108   Iliad.ILWidget

Defined in namespace Iliad
Superclass: Iliad.ILBuildable
Category: Iliad-Core-Buildables

>   I am a stateful graphical component.

>   """"""""""""""""""""""""""""""""" " Building HTML with widgets " """"""""""""""""""""""""""""""""""

>   To build HTML override the #contents method, which should always return a view block, ie, a block which takes an element as parameter.

>   Example:

>   contents ^[:e || div | div := e div class: 'foo'. div h1: 'Bar'. div a text: 'do something'; action: [self doSomething]]

>   See Iliad.ILElement hierarchy (Especially Iliad.ILHTMLBuilderElement) for more information about building HTML with elements.

>   #contents method should *never* be called from the outside. Use #build instead. For instance, to build a sub-widget in a view block, you should write something like:

>   contents [^[:e | e build: mySubWidget]]

""""""""""""""""" " Control flow " """""""""""""""""

I can show (display instead of me) other widgets with #show* methods or answer to widgets that called me with #answer.

When using the javascript layer, call #markDirty whenever my state change, so I will be updated on AJAX requests.

Widgets which states depend on me can be automatically rebuilt whenever I am marked as dirty (see #addDependentWidget:).

""""""""""""""" " Decorators " """""""""""""""

I can also have decorators that may modify my behavior. A decorator can be added to the decoration chain with #decorateWith:.

13.108.1   Iliad.ILWidget: accessing

dependentWidgets
          Not commented.

id   Not commented.

id: aString
          Not commented.

owner   Answer the widget which shows me. if any

owner: aWidget
          Not commented.

state   Not commented.

stateRegistry
          Not commented.

widget   Answer the receiver.

widgetFor: aBuildable
          Convenience method. This is useful for building anonymous widgets.
          ex: myWidget := self widgetFor: [:e | e h1: 'Hello world!']

13.108.2   Iliad.ILWidget: building

buildContents
          Do *not* override this method. Use #contents instead

buildHead: aHead
          Not commented.

contents
> Override this method to add contents to your widget

fullContents
> Do *not* override this method. Use #contents instead

scripts Answer a collection of strings. Override in subclasses to add scripts to load with the widget

styles Answer a collection of strings. Override in subclasses to add styles to load with the widget

13.108.3 Iliad.ILWidget: control flow

addDependentWidget: aWidget
> Add <aWidget> to my dependent widgets. Each dependent widget will be rebuilt on AJAX requests whenever I am rebuilt

answer Give the control back to the owner, i.e, the widget which showed the receiver. Answer self

answer: anAnswer
> Give the control back to the owner, i.e, the widget which showed the receiver. Answer <anAnswer>

append: aWidget
> Insert <aWidget> after the receiver

append: aWidget onAnswer: aBlock
> Insert <aWidget> after the receiver

confirm: aString ifTrue: aBlock
> Not commented.

confirm: aString ifTrue: aBlock ifFalse: anotherBlock
> Not commented.

handleAnswer: anAnswer
> Answer 'nil'.

inform: aString
> Not commented.

prepend: aWidget
> Insert <aWidget> before the receiver

prepend: aWidget onAnswer: aBlock
> Insert <aWidget> before the receiver

removeDependentWidget: aWidget
>   Not commented.

retrieveControl
>   Give the control back to the receiver, and make any showed widget
>   answer nil

show: aWidget
>   Show another widget instead of the receiver. The receiver is also
>   implicitely marked dirty

show: aWidget onAnswer: aBlock
>   Show another widget instead of the receiver and catch the answer in
>   <aBlock>. The receiver is also implicitely marked dirty

show: aWidget onAnswer: aBlock delegator: aDelegator
>   Not commented.

13.108.4   Iliad.ILWidget: copying

postCopy
>   Not commented.

13.108.5   Iliad.ILWidget: decorators

decorateWith: aDecorator
>   Not commented.

decorateWith: aDecorator during: aBlock
>   Not commented.

decoratorsDo: aBlock
>   Not commented.

removeDecorator: aDecorator
>   Remove <aDecorator> from the decoration chain, except if <aDec-
>   orator> is the initial one

withDecoratorsDo: aBlock
>   Not commented.

13.108.6   Iliad.ILWidget: defaults

rootElementClass
> Answer 'ILDivElement'.

13.108.7   Iliad.ILWidget: initialization

initialize
> Not commented.

13.108.8   Iliad.ILWidget: printing

printJsonOn: aStream
> Not commented.

13.108.9   Iliad.ILWidget: states

markDirty
> Mark the receiver as 'dirty', so the widget will be rebuilt on Ajax requests. You do not need to mark subwidgets as dirty, they will be rebuilt together with the receiver

registerState
> Not commented.

13.109   Iliad.ILXmlElement

Defined in namespace Iliad
Superclass: Iliad.ILElement
Category: Iliad-Core-Elements

13.109.1   Iliad.ILXmlElement: accessing

contentType
>   Not commented.

tag   Answer 'tag'.

tag: aString
>   Not commented.

xmlTag   Not commented.

13.109.2   Iliad.ILXmlElement: converting

respondOn: aResponse
>   Not commented.

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