

# DOM Binder API

**NOTE:** A DOM Binder is automatically created by the Framework for any [view component](#). *Component developers are not expected to ever create a DOM Binder themselves.*

## Creation

The Framework creates a DOM Binder as follows:

```
that.dom = fluid.createDomBinder (container,  
selectors);
```

The DOM Binder object is attached to the component as a member called `dom`.

## Parameters

Parameter	Type	Description
container	Object	the root element in which to locate named elements
selectors	Object	a collection of named jQuery selectors, of the form <pre>{   name1: &lt;selector1&gt;,   name2: &lt;selector2&gt;,   .... }</pre> Note that selector values may be specified using <a href="#">loC references</a> to other selectors or expanders.

## Selector Examples

```
{  
  displayElement: ".flc-progress",  
  progressBar: ".flc-progress-bar",  
  indicator: ".flc-progress-indicator",  
  label: ".flc-progress-label",  
  ariaElement: ".flc-progress-bar"  
}
```

```
{  
  labelSource: ".flc-reorderer-imageTitle",  
  movables: {  
    expander: {  
      funcName: "fluid.reorderImages.  
createImageCellFinder",  
      args: "{that}.container"  
    }  
  }  
}
```

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## See Also

- [DOM Binder](#)

## Still need help?

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## Methods

### locate

```
locate(name[, localContainer]);
```

Finds the named element within the specified container.

**Return:** a jQuery object.

Parameter	Type	Description
name	String	The selector name, as declared in the component's defaults
localContainer	Object	Optional. The container element used to constrain the search for the element. Defaults to the component container.

### fastLocate

```
fastLocate(name[, localContainer]);
```

Finds the named element within the specified container, using the value in the DOM Binder's cache if present (i.e. the DOM itself will not be searched again). The DOM binder's cache is populated for a query, whenever a query is submitted via `locate()`.

**Return:** a jQuery object.

Parameter	Type	Description
name	String	The selector name, as declared in the component's defaults
localContainer	Object	Optional. The container element used to constrain the search for the element. Defaults to the component container.

### clear

```
clear();
```

The `clear()` method completely clears the cache for the DOM binder for all queries. It should be used whenever, for example, the container's markup is replaced completely, or otherwise is known to change in a wholesale way.

## refresh

```
refresh(names[, localContainer]);
```

The `refresh()` method refreshes the cache for one or more selector names, ready for subsequent calls to `fastLocate()`. It functions exactly as for a call to `locate()` except that

- The queried results are not returned to the user, but simply populated into the cache, and
- More than one selector name (as an array) may be sent to `refresh` rather than just a single one.

Parameter	Type	Description
<code>names</code>	String or Array of Strings	The selector name or names to refresh, as declared in the component's defaults
<code>localContainer</code>	Object	Optional. The container element used to constrain the search for the element. Defaults to the component container.