

## Mapping of XForms Pseudo Classes to Chiba Classes

Xforms CSS	Chiba CSS classes	Description
:enabled	xfEnabled	Selects a control that is relevant
:disabled	xfDisabled	Selects a control that is not relevant
:required	xfRequired	Selects any core form control bound to a node with the model item property required evaluating to true
:optional	xfOptional	Selects any core form control bound to a node with the model item property required evaluating to false
:valid	xfValid	Selects any core form control bound to a node that is currently valid
:invalid	xfInvalid	Selects any core form control bound to a node that is currently invalid
:read-only	xfReadOnly	Selects any core form control bound to a node with the model item property readonly evaluating to true
:read-write	xfReadWrite	Selects any core form control bound to a node with the model item property readonly evaluating to false
:out-of-range	not defined yet in Chiba	Selects any core form control bound to a node that contains a value the form control is not capable of rendering
:in-range	not defined yet in Chiba	Selects any core form control bound to a node that contains a value the form control is capable of rendering
:value-empty	todo: xfValueEmpty	Selects any core form control bound to a node whose content is the empty string
:value-non-empty	todo: xfValueNonEmpty	Selects any core form control bound to a node whose content is not the empty string

## Mapping of XForms Pseudo Elements to Chiba Classes

Xforms CSS	Chiba CSS classes	Description from XForms 1.1 CR
::value	xfValue	Represents the "active" area of a form control excluding the label; this corresponds in HTML to input and other form control elements. This pseudo-element is a child of the form control element, and appears immediately after the required label element.
::repeat-item	xfRepeatItem	Represents a single item from a repeating sequence. Its position is as a parent to all the elements in a single repeating item. Each ::repeat-item is associated with a particular instance data node, and is affected by the model item properties (e.g. 'relevant') found there, as the related style properties will cascade to the child elements.
::repeat-index	xfRepeatIndex	Selects any core form control bound to a node with the model item property required evaluating to trueRepresents the current item of a repeating sequence. Its position is as a parent of all the elements in the index repeating item (and as a child to the ::repeat-item pseudo-element), thus any style declarations applying to this pseudo-element override those on the parent ::repeat-item.

## Chiba Classes applied to XForms Elements

XForms Element	CSS classes	Description
<b>Container</b>		
group	xfGroup	matches an Element that represents a XForms <code>group</code> element
repeat	xfRepeat	matches an Element that represents a XForms <code>repeat</code> element
switch	xfSwitch	matches an Element that represents a XForms <code>switch</code> element
case	xfCase	matches an Element that represents a XForms <code>case</code> element
<b>Controls</b>		
input	xfInput	matches an Element that represents a XForms <code>input</code> element
output	xfOutput	matches an Element that represents a XForms <code>output</code> element
range	xfRange	matches an Element that represents a XForms <code>range</code> element
secret	xfSecret	matches an Element that represents a XForms <code>secret</code> element
select	xfSelect	matches an Element that represents a XForms <code>select</code> element
select1	xfSelect1	matches an Element that represents a XForms <code>select1</code> element
submit	xfSubmit	matches an Element that represents a XForms <code>submit</code> element
textarea	xfTextarea	matches an Element that represents a XForms <code>textarea</code> element
upload	xfUpload	matches an Element that represents a XForms <code>upload</code> element
<b>Helper</b>		
alert	xfAlert	matches an Element that represents a XForms <code>alert</code> element
label	xfLabel	matches an Element that represents a XForms <code>label</code> element
hint	xfHint	matches an Element that represents a XForms <code>hint</code> element
help	xfHelp	matches an Element that represents a XForms <code>help</code> element
<b>other</b>		
item	xfSelectorItem	matches an Element that represents a XForms <code>item</code> element
any control	xfRequiredSymbol	matches an Element that is bound to a required Node

## For following XForms Attributes Chiba CSS Classes get generated with following pattern

Token	Description	Example
'xf'	literal Prefix	xf
[\$upperCaseName]	local name of XForms Element first letter uppercased	Group
[\$appearance]	value of XForms @appearance Attribute first letter uppercased	Minimal
[\$datatype]	Schema datatype of bound Node first letter uppercased	Integer
[\$incremental]	value of XForms @incremental Attribute first letter uppercased	Incremental

Attribute/property	Matcher Creation Rule	Examples
appearance	'xf'[\$appearance][\$upperCaseName]	xfFullGroup, xfMinimalSelect
type	'xsd'[\$datatype]	xsdString, xsdAnyURI
incremental	'xf'[\$incremental]	xfIncremental

```
<xf:repeat appearance="compact">
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```
  each <td>      col1, col2, col3 ...
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