

Celestra cheatsheet – v4.3.2 – <https://github.com/Serrin/Celestra/>

The `celestra` and/or the `__` objects contain these functions, except the polyfills. Example: `__ .qsa ("p") ;`

Core API	DOM	Type checking
<code>delay(<ms>).then(<callback>);</code> <code>inherit(<subclass>,<superclass>);</code> <code>randomInt([<max> or <min>,<max>);</code> <code>randomFloat([<max> or <min>,<max>);</code> <code>randomString([<length>,<specChar>]);</code> <code>b64Encode(<string>);, b64Decode(<str>);</code> <code>javaHash(<data>[,<hexa>];</code> <code>getUrlVars([<str>=<location.search>]);</code> <code>obj2string(<object>);</code> <code>getType(<variable>[,<type>];</code> <code>extend([<deep>,<target>,<source1>[,<srcN>]);</code> <code>deepAssign(<target>,<source1>[,<srcN>];</code> <code>sizeIn(<object>);</code> <code>forIn(<object>,<callback>);</code> <code>filterIn(<object>,<callback>);</code> <code>popIn(<object>,<property>);</code> <code>strCapitalize(<string>);</code> <code>strUpFirst(<string>);</code> <code>strDownFirst(<string>);</code> <code>strRemoveTags(<string>);</code> <code>strReverse(<string>);</code> <code>strCodePoints(<string>);</code> <code>strFromCodePoints(<collection>);</code> <code>strAt(<string>,<index>);</code> <code>toFunction(<function>);</code> <code>bind(<function>,<context>);</code> <code>constant(<value>);</code> <code>identity(<value>);</code> <code>noop(); and T(); and F();</code> <code>assertEq(<msg>,<v1>,<v2>[,<strict>=true]);</code> <code>assertNotEq(<m>,<v1>,<v2>[,<strict>=true]);</code> <code>assertTrue(<msg>,<value>);</code> <code>assertFalse(<msg>,<value>);</code> <code>noConflict(); and VERSION;</code>	<code>qsa(<selector>[,<context>]).forEach(<cb>);</code> <code>qs(<selector>[,<context>];</code> <code>domReady(<callback>);</code> <code>domCreate(<type>[,<properties>[,<innerHTML>]]);</code> <code>domCreate(<element descriptive object>);</code> <code>domToElement(<htmlString>);</code> <code>domGetCSS(<element>[,<property>];</code> <code>domSetCSS(<element>,<property>,<value>);</code> <code>domSetCSS(<element>,<properties>);</code> <code>domFadeIn(<element>[,<duration>[,<display>]]);</code> <code>domFadeOut(<element>[,<duration>];</code> <code>domFadeToggle(<elem.>[,<duration>[,<display>]]);</code> <code>domShow(<element>[,<display>];</code> <code>domHide(<element>);</code> <code>domToggle(<element>[,<display>];</code> <code>domIsHidden(<element>);</code> <code>domSiblings(<element>);</code> <code>domSiblingsPrev(<element>);</code> <code>domSiblingsLeft(<element>);</code> <code>domSiblingsNext(<element>);</code> <code>domSiblingsRight(<element>);</code> <code>domGetCSSVar(<name>);</code> <code>domSetCSSVar(<name>,<value>);</code> <code>importScript(<url>[,<success>];</code> <code>importScripts(<scripts> or <script1>[,<scN>];</code> <code>importStyle(<href>[,<success>];</code> <code>importStyles(<styles> or <style1>[,<styleN>];</code> <code>setFullscreenOn(<selector> or <element>);</code> <code>setFullscreenOff();</code> <code>getFullscreen();</code> <code>form2array(<form>); and form2string(<form>);</code> <code>getDoNotTrack();</code> <code>getLocation(<success>[,<error>];</code> <code>createFile(<filename>,<content>[,<dType>];</code>	<code>isMap(<value>); and isWeakMap(<v>);</code> <code>isSet(<value>); and isWeakSet(<v>);</code> <code>isNumber(<v>); and isNumeric(<v>);</code> <code>isFloat(<v>); and isBigInt(<v>);</code> <code>isString(<v>); and isChar(<v>);</code> <code>isDate(<v>); and isError(<v>);</code> <code>isRegex(<v>); and isSymbol(<v>);</code> <code>isElement(<v>); and isObject(<v>);</code> <code>isNull(<value>);</code> <code>isUndefined(<value>);</code> <code>isNullOrUndefined(<value>);</code> <code>isNil(<value>);</code> <code>isFunction(<value>);</code> <code>isGeneratorFn(<value>);</code> <code>isAsyncFn(<value>);</code> <code>isDataView(<value>);</code> <code>isBoolean(<value>);</code> <code>isArraylike(<value>);</code> <code>isTypedArray(<value>);</code> <code>isArrayBuffer(<value>);</code> <code>isPrimitive(<value>);</code> <code>isIterator(<value>);</code> <code>isIterable(<value>);</code> <code>isPromise(<value>);</code> <code>isEmptyObject(<value>);</code> <code>isEmptyArray(<value>);</code> <code>isEmptyMap(<value>);</code> <code>isEmptySet(<value>);</code> <code>isEmptyIterator(<value>);</code> <code>isSameObject(<object1>,<object2>);</code> <code>isSameArray(<array1>,<array2>);</code> <code>isSameMap(<map1>,<map2>);</code> <code>isSameSet(<set>,<set2>);</code> <code>isSameIterator(<iter1>,<iter2>);</code>
AJAX and CORS		
<code>ajax(<Options object>);, getJson(<url>,<success>);, getText(<url>,<success>);</code>		
Options object properties (* = default value): <code>url: string, data: string, queryType: *"ajax"/"cors", type: *"get"/"post", success: function, error: function, format: *"text"/"json"/"xml", user: string, password: string</code>		

Collections		Polyfills
<pre> arrayMerge([deep,]<target>, <source1>[, srcN]); arrayUnique(<collection>); arrayAdd(<array>, <value>); arrayClear(<array>); arrayRemove(<array>, <value>[, all]); arrayRange([start=0[, end=100[, step=1]]]); arrayCycle(<collection>[, n]); arrayRepeat(<value>[, n]); iterRange([start=0[, step=1[, end]]]); iterCycle(<iter>[, n]); iterRepeat(<value>[, n]); arrayUnion(<collection1>[, collectionN]); arrayIntersection(<collection1>, <collection2>); arrayDifference(<collection1>, <collection2>); arraySymmetricDifference(<collection1>, <collection2>); setUnion(<collection1>[, collectionN]); setIntersection(<set1>, <set2>); setDifference(<set1>, <set2>); setSymmetricDifference(<set1>, <set2>); isSuperset(<superCollection>, <subCollection>); without(<collection>, <filterCollection>); reduce(<collection>, <callback>[, initialValue]); take(<collection>[, n]); takeWhile(<collection>, <callback>); takeRight(<collection>[, n]); takeRightWhile(<collection>, <callback>); drop(<collection>[, n]); dropWhile(<collection>, <callback>); dropRight(<collection>[, n]); dropRightWhile(<collection>, <callback>); </pre>	<pre> forEach(<collect.>, <callback>); map(<collection>, <callback>); enumerate(<collection>[, offset=0]); entries(<collection>[, offset=0]); size(<collection>); every(<collection>, <callback>); some(<collection>, <callback>); none(<collection>, <callback>); includes(<collection>, <value>); find(<collection>, <callback>); filter(<collection>, <callback>); min(<collection>); max(<collection>); sort(<collection>[, numberSort]); reverse(<collection>); shuffle(<collection>); partition(<collection>, <callback>); groupBy(<collection>, <callback>); zip(<collection1>[, collectionN]); unzip(<collection>); item(<collection>, <index>); nth(<collection>, <index>); first(<collection>); head(<collection>); last(<collection>); initial(<collection>); tail(<collection>); slice(<collection>[, begin[, end]]); flat(<collection>); concat(<collection1>[, collectionN]); join(<collection>[, separator=","]); </pre>	<pre> Array.prototype.at(); Array.prototype.flat(); Array.prototype.flatMap(); globalThis; Object.fromEntries(); Object.hasOwn(); String.prototype.at(); String.prototype.matchAll(); String.prototype.padStart(); String.prototype.padEnd(); String.prototype.replaceAll(); String.prototype.trimStart(); String.prototype.trimLeft(); String.prototype.trimEnd(); String.prototype.trimRight(); TypedArray.prototype.at(); </pre>
		Non-standard polyfills
		<pre> BigInt.prototype.toJSON(); window.AsyncFunction(); window.GeneratorFunction(); </pre>
Cookie		
<pre> getCookie([name]);, hasCookie(<name>);, setCookie(<name>, <value>[, hours=8760[, path="/"[, domain[, secure[, SameSite="Lax"[, HttpOnly]]]]]]);, setCookie(<Optionsobj>); removeCookie(<name>[, path="/"[, domain[, secure[, SameSite="Lax"[, HttpOnly]]]]]);, removeCookie(<Options object>);, clearCookies([path="/"[, domain[, sec[, SameSite="Lax"[, HttpOnly]]]]]);, clearCookies(<Options object>); </pre>		