Celestra cheatsheet – v5.5.0 – https://github.com/Serrin/Celestra/

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

Core API	DOM	Type checking
<pre>signbit(<value>);</value></pre>	<pre>qsa(<selector>[,context]).forEach(<cb>);</cb></selector></pre>	<pre>isMap(<value>); and isWeakMap(<v>);</v></value></pre>
<pre>delay(<ms>).then(<callback>);</callback></ms></pre>	<pre>qs (<selector>[,context]);</selector></pre>	<pre>isSet(<value>); and isWeakSet(<v>);</v></value></pre>
<pre>sleep(<ms>).then(<callback>);</callback></ms></pre>		<pre>isNumber(<v>); and isNumeric(<v>);</v></v></pre>
<pre>inherit(<subclass>, <superclass>);</superclass></subclass></pre>	<pre>domReady(<callback>);</callback></pre>	<pre>isFloat(<val>); and isBigInt(<v>);</v></val></pre>
<pre>randomInt([max] or <min>, <max>);</max></min></pre>	<pre>domCreate(<type>[,properties[,innerHTML]]);</type></pre>	<pre>isString(<v>); and isChar(<val>);</val></v></pre>
<pre>randomFloat([max] or <min>, <max>);</max></min></pre>	<pre>domCreate(<element descriptive="" object="">);</element></pre>	<pre>isDate(<val>); and isError(<val>);</val></val></pre>
<pre>randomBoolean();</pre>	<pre>domToElement(<htmlstring>);</htmlstring></pre>	<pre>isRegexp(<v>); and isSymbol(<v>);</v></v></pre>
<pre>randomID([hyphens=true][,usedate=false]);</pre>	<pre>domGetCSS(<element>[,property]);</element></pre>	<pre>isElement(<v>); and isObject(<v>);</v></v></pre>
<pre>randomString([length[,specChar=false]]);</pre>	<pre>domSetCSS(<element>, <pre>, <value>);</value></pre></element></pre>	<pre>isDataView(<value>);</value></pre>
<pre>inRange(<value>,<min>,<max>);</max></min></value></pre>	<pre>domSetCSS(<element>,<pre>,<pre>,</pre>;</pre></element></pre>	isBoolean(<value>);</value>
b64Encode(<string>); b64Decode(<string>);</string></string>	<pre>domFadeIn(<element>[,duration[,display]]);</element></pre>	isNull(<value>);</value>
<pre>javaHash(<data>[,hexa=false]);</data></pre>	<pre>domFadeOut(<element>[,duration]);</element></pre>	<pre>isUndefined(<value>);</value></pre>
<pre>getUrlVars([str=location.search]);</pre>	<pre>domFadeToggle(<elem.>[,duration[,display]]);</elem.></pre>	<pre>isNullOrUndefined(<value>);</value></pre>
obj2string(<object>);</object>	<pre>domShow(<element>[,display]);</element></pre>	<pre>isNil(<value>);</value></pre>
<pre>classof(<variable>[,type[,throw=false]]);</variable></pre>	<pre>domHide(<element>);</element></pre>	<pre>isPlainObject(<value>);</value></pre>
<pre>extend([deep,]<target>,<source1>[,srcN]);</source1></target></pre>	<pre>domToggle(<element>[,display]);</element></pre>	<pre>isTruthy(<value>);</value></pre>
sizeIn(<object>);</object>	<pre>domIsHidden(<element>);</element></pre>	<pre>isFalsy(<value>);</value></pre>
<pre>forIn(<object>,<callback>);</callback></object></pre>		<pre>isFunction(<v>); + isCallable(<v>);</v></v></pre>
<pre>filterIn(<object>,<callback>);</callback></object></pre>	<pre>domSiblings(<element>);</element></pre>	<pre>isConstructorFn(<value>);</value></pre>
<pre>popIn(<object>,<pre>,<pre>,</pre></pre></object></pre>	<pre>domSiblingsPrev(<element>);</element></pre>	isGeneratorFn(<value>);</value>
<pre>strPropercase(<string>);</string></pre>	<pre>domSiblingsLeft(<element>);</element></pre>	<pre>isAsyncGeneratorFn(<value>);</value></pre>
<pre>strTitlecase(<string>);</string></pre>	<pre>domSiblingsNext(<element>);</element></pre>	isAsyncFn(<value>);</value>
strCapitalize(<string>);</string>	<pre>domSiblingsRight(<element>);</element></pre>	<pre>isArraylike(<value>);</value></pre>
<pre>strUpFirst(<str>); and strDownFirst(<s>);</s></str></pre>	<pre>domGetCSSVar(<name>);</name></pre>	<pre>isTypedArray(<value>);</value></pre>
strHTMLRemoveTags(<string>);</string>	<pre>domSetCSSVar(<name>, <value>);</value></name></pre>	<pre>isArrayBuffer(<value>);</value></pre>
strHTMLEscape(<string>);</string>		<pre>isPrimitive(<value>);</value></pre>
strHTMLUnEscape(<string>);</string>	<pre>importScript(<script1>[,scriptN]);</script1></pre>	<pre>isPromise(<value>);</value></pre>
<pre>strReverse(<string>);</string></pre>	<pre>importStyle(<style1>[,styleN]);</style1></pre>	<pre>isIterator(<value>);</value></pre>
<pre>strAt(<string>,<index>);</index></string></pre>		<pre>isIterable(<value>);</value></pre>
<pre>strCodePoints(<string>);</string></pre>	<pre>setFullscreenOn(<selector> or <element>);</element></selector></pre>	<pre>isEmptyObject(<value>);</value></pre>
<pre>strFromCodePoints(<collection>);</collection></pre>	<pre>setFullscreenOff();</pre>	<pre>isEmptyArray(<value>);</value></pre>
<pre>bind(<fn>,<context>); and unBind(<fn>);</fn></context></fn></pre>	<pre>getFullscreen();</pre>	<pre>isEmptyMap(<value>);</value></pre>
<pre>constant(<value>); and identity(<value>);</value></value></pre>		<pre>isEmptySet(<value>);</value></pre>
noop(); and T(); and F();	<pre>form2array(<form>);</form></pre>	<pre>isEmptyIterator(<value>);</value></pre>
<pre>assertEq(<msg>, <v1>, <v2>[, strict=true]);</v2></v1></msg></pre>	<pre>form2string(<form>);</form></pre>	<pre>isSameObject(<object1>,<object2>);</object2></object1></pre>
<pre>assertNotEq(<m>, <v1>, <v2>[, strict=true]);</v2></v1></m></pre>		<pre>isSameArray(<array1>,<array2>);</array2></array1></pre>
<pre>assertTrue(<msg>,<value>);</value></msg></pre>	<pre>getDoNotTrack();</pre>	<pre>isSameMap(<map1>,<map2>);</map2></map1></pre>
<pre>assertFalse(<msg>,<value>);</value></msg></pre>	<pre>getLocation(<success>[,error]);</success></pre>	<pre>isSameSet(<set1>,<set2>);</set2></set1></pre>
noConflict(); and VERSION;	<pre>createFile(<filename>, <content>[,dType]);</content></filename></pre>	<pre>isSameIterator(<iter1>,<iter2>);</iter2></iter1></pre>

```
Collections
                                                                                                      Polyfills
arrayCreate([length=0]);
                                                 forEach (<collection>, <callback>);
arrayDeepClone(<array>);
                                                 map(<collection>, <callback>);
                                                                                       Array.prototype.at();
arrayMerge(<target>, <source1>[, sourceN]);
                                                 enumerate(<collection>[,offset=0]);
                                                                                       Array.prototype.findLast();
arrayUnique(<collection>);
                                                 entries(<collection>[,offset=0]);
                                                                                       Array.prototype.findLastIndex();
                                                 size(<collection>);
arrayAdd(<array>,<value>);
                                                                                       Array.prototype.flat();
arrayClear(<array>);
                                                                                       Array.prototype.flatMap();
arrayRemove(<array>, <value>[,all=false]);
                                                 every(<collection>, <callback>);
                                                                                       Array.prototype.group();
arrayRemoveBy(<array>, <callback>[,all=false]);
                                                 some(<collection>,<callback>);
                                                                                       Array.prototype.groupToMap();
arrayRange([start=0[,end=99[,step=1]]]);
                                                 none(<collection>, <callback>);
arrayCycle(<collection>[,n=100]);
                                                                                       crypto.randomUUID();
arrayRepeat(<value>[,n=100]);
                                                 includes(<collection>, <value>);
                                                 contains(<collection>,<value>);
                                                                                       globalThis;
iterRange([start=0[,step=1[,end=Infinity]]]);
iterCycle(<iter>[,n=Infinity]);
                                                 find(<collection>,<callback>);
                                                                                       Number.MIN SAFE INTEGER;
iterRepeat(<value>[,n=Infinity]);
                                                 findLast(<collection>, <callback>);
                                                                                       Number.MAX SAFE INTEGER;
arrayUnion(<collection1>[,collectionN]);
                                                                                       Object.fromEntries();
                                                 filter(<collection>, <callback>);
arrayIntersection(<collection1>,<collection2>); reject(<collection>,<callback>);
                                                                                       Object.hasOwn();
arrayDifference(<collection1>, <collection2>);
                                                 partition(<collection>, <callback>);
                                                                                       Object.is();
arraySymmetricDifference(<collec1>, <collec2>);
                                                 group(<collect.>,<cb>[,map=false]);
setUnion(<collection1>[,collectionN]);
                                                                                       String.prototype.at();
                                                 shuffle(<collection>);
                                                                                       String.prototype.matchAll();
setIntersection(<set1>,<set2>);
                                                 min(<value1>[,valueN]);
                                                                                       String.prototype.replaceAll();
setDifference(<set1>,<set2>);
                                                 max(<value1>[,valueN]);
                                                                                       String.prototype.trimStart();
setSymmetricDifference(<set1>, <set2>);
                                                 sort(<collection>[,numbers=false]);
                                                                                       String.prototype.trimLeft();
                                                 reverse (<collection>):
                                                                                       String.prototype.trimEnd();
isSuperset(<superCollection>, <subCollection>);
                                                                                       String.prototype.trimRight();
                                                 zip(<collection1>[,collectionN]);
slice(<collection>[,begin=0[,end=Infinity]]);
                                                 unzip(<collection>);
                                                                                       TypedArray.prototype.at();
withOut(<collection>, <filterCollection>);
                                                 zipObj(<collection1>, <collection2>); | TypedArray.prototype.findLast();
                                                 item(<collection>,<index>);
reduce(<collection>, <callback>[,initialvalue]);
                                                                                        TypedArray.prototype.findLastIndex();
                                                 nth(<collection>,<index>);
take(<collection>[,n=1]);
                                                 first(<collection>);
                                                                                               Non-standard polyfills
takeWhile (<collection>, <callback>);
                                                 head(<collection>):
takeRight(<collection>[,n=1]);
                                                 last(<collection>);
takeRightWhile(<collection>, <callback>);
                                                 initial(<collection>);
                                                                                        BigInt.prototype.toJSON();
drop(<collection>[,n=1]);
                                                 tail(<collection>);
dropWhile(<collection>, <callback>);
                                                 flat(<collection>);
                                                                                       AsyncFunction();
dropRight(<collection>[,n=1]);
                                                 concat(<collection1>[,collectionN]); | GeneratorFunction();
dropRightWhile(<collection>, <callback>);
                                                 join(<collection>[,separator=","]);
```

```
Math functions
                                                                                       Abstract functions
sum(<value1>[,valueN]);
                                                                      getIn(<object>,,,;
avg(<value1>[,valueN]);
                                                                      getInV(<object>,,,;
product(<value1>[,valueN]);
                                                                      hasIn(<object>,,,;
                                                                      setIn(<object>,,<value>);
clamp(<value>, <min>, <max>);
                                                                      toIndex(<value>);
isEven(<value>);
                                                                      toPropertyKey(<value>);
isOdd(<value>);
                                                                      toInteger(<value>);
                                                                      toArray(value);
                                                                      toObject(<value>);
toInt8(<value>);
                                   isInt8(<value>);
                                                                      isIndex(<value>);
toUInt8(<value>);
                                   isUInt8(<value>);
                                                                      isPropertyKey(<value>);
toInt16(<value>);
                                   isInt16(<value>);
                                                                      isSameValue(<value1>, <value2>);
toUInt16(<value>);
                                   isUInt16(<value>);
                                                                      isSameValueZero(<value1>, <value2>);
toInt32(<value>);
                                   isInt32(<value>);
                                                                      isSameValueNonNumber(<value1>, <value2>);
toUInt32(<value>;
                                   isUInt32(<value>);
toBigInt64(<value>);
                                   isBigInt64(<value>);
                                                                      type(<value>);
toBigUInt64(<value>);
                                   isBigUInt64(<value>);
                                                                      createDataProperty(<object>,,,<value>);
toFloat32(<value>);
                                                                      createMethodProperty(<object>,,,<value>);
                                                          Cookie
getCookie([name]);
hasCookie(<name>);
setCookie(<Options object>);
setCookie(<name>, <value>[, hours=8760[, path="/"[, domain[, secure[, SameSite="Lax"[, HttpOnly]]]]]]);
removeCookie(<Options object>);
removeCookie(<name>[,path="/"[,domain[,secure[,SameSite="Lax"[,HttpOnly]]]]]);
clearCookies(<Options object>);
clearCookies([path="/"[,domain[,sec[,SameSite="Lax"[,HttpOnly]]]]]);
                                                      AJAX and CORS
getText(<url>, <success>);
getJson(<url>, <success>);
ajax(<Options object>);
Options object properties (* = default value): url: string, data: string, queryType: *"ajax"/"cors", type: *"get"/"post",
success: function, error: function, format: *"text"/"json"/"xml", user: string, password: string
```