<abbrev> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

    - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
    - but as structured element by <mark>element-citation</mark>

<abbrev-journal-title> [spec](#)

- categories: text

[spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: disp-formula should not be 'mixed'

    - used inline by <mark>disp-formula</mark>,
    - but as structured element by app-group,article-meta,chem-struct-wrap,disp-formula-group,fig,fig-group,front-stub,graphic,media,sec-meta,statement,supplementary-material,table-wrap,table-wrap-group

~~<access-date> [spec](#)~~

- ~~categories: text~~

<ack> [spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: Bad guys which allow block-level content to appear inline

    - used inline by ~~license-p,named-content,p,styled-content~~,
    - but as structured element by abstract,~~ack~~,app,app-group,back,bio,body,boxed-text,disp-quote,front,glossary,notes,ref-list,sec,trans-abstract

Don't allow nesting

\<addr-line\> [spec](#)

- categories: text,hybrid

considered as hybrid because:

   - used inline by aff,collab,conf-loc,corresp,publisher-loc,
   - but as structured element by address

Texture produces structured presentation.

\<address\> [spec](#)

- categories: structured,hybrid

considered as hybrid because: Use structured only

   - used inline by collab,~~license-p,named-content,p,styled-content~~,
   - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,contrib,contrib-group,disp-quote,glossary,notes,ref-list,sec,trans-abstract

\<aff\> [spec](#) Should be structured element

- categories: text,hybrid   Texture will use an \<x\> internally for plain-text version

considered as hybrid because:

   - used inline by collab,person-group,sig-block,   Use structured only
   - but as structured element by aff-alternatives,article-meta,contrib,contrib-group,front-stub,journal-meta

\<aff-alternatives\> [spec](#)

- categories: structured,hybrid

considered as hybrid because: Use structured only

   - used inline by collab,person-group,sig-block,
   - but as structured element by article-meta,contrib,contrib-group,front-stub,journal-meta

\<alt-text\> [spec](#)

- categories: text,hybrid   Not really a hybrid because only used by self-contained inline nodes

considered as hybrid because:

   - used inline by chem-struct,disp-formula,inline-supplementary-material,preformat,
   - but as structured element by array,chem-struct-wrap,disp-formula-group,fig,fig-group,graphic,inline-graphic,media,supplementary-material,table-wrap,table-wrap-group

\<alt-title\> [spec](#)

- categories: text

<alternatives> spec

- categories: structured,hybrid   **Should be used in structured and inline-nodes only**

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by abstract,ack,app,app-group,array,bio,body,boxed-text,chem-struct-wrap,disp-quote,element-citation,fig,fig-group,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<annotation> spec

- categories: structured,hybrid   **Should be used structured only**

  considered as hybrid because:

  - used inline by ~~mixed-citation~~,product,related-article,related-object,
  - but as structured element by element-citation,~~nlm-citation~~

<anonymous> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by person-group,   **Use structured only**
  - but as structured element by contrib

<app> spec

- categories: structured

<app-group> spec

- categories: structured

<array> [spec](#)

- categories: structured,hybrid

  Should be used as block-level element only

  considered as hybrid because:

    - used inline by chem-struct,disp-formula,license-p,named-content,p,styled-content,td,term,th,
    - but as structured element by abstract,ack,alternatives,app,app-group,bio,body,boxed-text,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,trans-abstract

<article> [spec](#)

- categories: structured

<article-categories> [spec](#)

- categories: structured

<article-id> [spec](#)

- categories: text

<article-meta> [spec](#)

- categories: structured

<article-title> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

    - used inline by mixed-citation,product,related-article,related-object,
    - but as structured element by element-citation,nlm-citation,title-group

<attrib> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

    - used inline by disp-formula,preformat,
    - but as structured element by array,boxed-text,chem-struct-wrap,disp-quote,fig,graphic,media,statement,supplementary-material,table-wrap,table-wrap-foot,verse-group

<author-comment> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by collab,
  - but as structured element by contrib,contrib-group

<author-notes> spec

- categories: structured

<award-group> spec

- categories: structured

<award-id> spec

- categories: text,hybrid

  considered as hybrid because:
  - used inline by funding-statement,license-p,p,
  - but as structured element by award-group

<back> spec

- categories: structured

<bio> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by collab,
  - but as structured element by back,contrib,contrib-group,front

<body> spec

- categories: structured

<bold> spec

- categories: text,hybrid

  considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
- but as structured element by element-citation

<boxed-text> spec

- categories: structured,hybrid

  Use structured only

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,floats-group,glossary,notes,ref-list,sec,trans-abstract

<break> spec

- categories: structured,anno

<caption> spec

- categories: structured

<chapter-title> spec

- categories: text,hybrid

  Use structured only

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation

<chem-struct> spec

- categories: text,hybrid

  Texture will use it as structured element not as text node, with <alternatives> to allow for plain-text representations

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-

part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref, Should be used inline only

- but as structured element by `alternatives,chem-struct-wrap,element-citation`

<chem-struct-wrap> spec

- categories: structured,hybrid

  considered as hybrid because: Use structured only

  - used inline by `license-p,named-content,p,styled-content,td,term,th,`
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<citation-alternatives> spec

- categories: structured,hybrid

  considered as hybrid because: Use structured only

  - used inline by `license-p,p,td,th,title,`
  - but as structured element by ref

<city> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by `addr-line,aff,collab,conf-loc,corresp,publisher-loc,`
  - but as structured element by address

<code> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by `chem-struct,disp-formula,license-p,named-content,p,styled-content,td,term,th,`
  - but as structured element by abstract,ack,alternatives,app,app-group,bio,body,boxed-text,chem-struct-wrap,disp-quote,fig,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<col> [spec](#)

- categories: structured

<colgroup> [spec](#)

- categories: structured

<collab> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>mixed-citation,person-group,product,related-article,related-object</mark>,
  - but as structured element by collab-alternatives,contrib,element-citation,nlm-citation

<collab-alternatives> [spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>mixed-citation,person-group,product,related-article,related-object</mark>,
  - but as structured element by contrib,element-citation

<comment> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
  - but as structured element by element-citation,nlm-citation

<compound-kwd> [spec](#)

- categories: structured

<compound-kwd-part> [spec](#)

- categories: text

<compound-subject> [spec](#)

- categories: structured

<compound-subject-part> [spec](#)

- categories: text

<conf-acronym> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,string-conf,
  - but as structured element by conference,element-citation

<conf-date> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,string-conf,
  - but as structured element by conference,element-citation,nlm-citation

<conf-loc> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,string-conf,
  - but as structured element by conference,element-citation,nlm-citation

<conf-name> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,string-conf,
  - but as structured element by conference,element-citation,nlm-citation

<conf-num> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by string-conf,
  - but as structured element by conference

<conf-sponsor> [spec](#)

- categories: text,hybrid

  considered as hybrid because:　　**Use structured only**

  - used inline by mixed-citation,product,related-article,related-object,string-conf,
  - but as structured element by conference,element-citation

<conf-theme> [spec](#)

- categories: text,hybrid

  considered as hybrid because:　　**Use structured only**

  - used inline by string-conf,
  - but as structured element by conference

<conference> [spec](#)

- categories: structured

<contrib> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:　　**Use structured only**

  - used inline by sig-block,
  - but as structured element by contrib-group

<contrib-group> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:　　**Use structured only**

  - used inline by collab,supplement,
  - but as structured element by article-meta,front-stub,journal-meta,sec-meta

<contrib-id> [spec](#)

- categories: text,hybrid

  considered as hybrid because:　　**Use structured only**

  - used inline by principal-award-recipient,principal-investigator,
  - but as structured element by contrib

<copyright-holder> [spec](#)

- categories: text

<copyright-statement> [spec](#)

- categories: text

<copyright-year> [spec](#)

- categories: text

<corresp> [spec](#)

- categories: text

<count> [spec](#)

- categories: structured

<country> [spec](#)

- categories: text, hybrid

  considered as hybrid because: Use structured only

  - used inline by addr-line,aff,collab,conf-loc,corresp,publisher-loc,
  - but as structured element by address

<counts> [spec](#)

- categories: structured

<custom-meta> [spec](#)

- categories: structured

<custom-meta-group> [spec](#)

- categories: structured

<data-title> [spec](#)

- categories: text, hybrid

considered as hybrid because: Use structured only

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by element-citation

<date> spec

- categories: structured,hybrid

considered as hybrid because: Use structured only

- used inline by history,mixed-citation,product,related-article,related-object,
- but as structured element by element-citation

<date-in-citation> spec

- categories: text,hybrid

considered as hybrid because: Use structured only

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by element-citation

<day> spec

- categories: text,hybrid

considered as hybrid because: Use structured only

- used inline by access-date,conf-date,date-in-citation,mixed-citation,product,related-article,related-object,std,string-date,time-stamp,
- but as structured element by date,element-citation,nlm-citation,pub-date

<def> spec

- categories: structured,hybrid

The specification of <abbrev> is problematic: mainly it is an annotation of a piece in the text, an acronym, attaching an expansion using <def> There is no clear means to separate the rendered, abbreviated content from its expansion

considered as hybrid because:

- used inline by abbrev,
- but as structured element by def-item

<def-head> spec

- categories: text

<def-item> spec

- categories: structured

<def-list> [spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>chem-struct,license-p,named-content,p,styled-content,td,th</mark>,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,def-list,disp-quote,fig,front,glossary,list-item,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<degrees> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>speaker,string-name</mark>,
  - but as structured element by contrib

<disp-formula> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>license-p,named-content,p,styled-content,td,term,th</mark>,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-formula-group,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,trans-abstract

<disp-formula-group> [spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>license-p,named-content,p,styled-content,td,term,th</mark>,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-formula-group,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,trans-abstract

<disp-quote> [spec](#)

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because: Use structured only

  - used inline by <mark>license-p,named-content,p,styled-content</mark>,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<edition> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation,nlm-citation

<element-citation> spec

- categories: structured,hybrid

  considered as hybrid because: Use structured only

  - used inline by license-p,p,td,th,title,
  - but as structured element by citation-alternatives,ref

<elocation-id> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by article-meta,element-citation,front-stub

<email> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by address,array,article-meta,chem-struct-wrap,contrib,contrib-group,disp-formula-group,element-citation,fig,fig-group,front-stub,graphic,media,supplementary-material,table-wrap,table-wrap-group

<equation-count> spec

- categories: structured

<era> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by access-date,conf-date,date-in-citation,string-date,time-stamp,
  - but as structured element by date,pub-date

<etal> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by collab,mixed-citation,person-group,product,related-article,related-object,sig-block,
  - but as structured element by contrib,contrib-group,element-citation

<ext-link> spec   TODO: Is this a hybrid node?

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by address,array,article-meta,chem-struct-wrap,contrib,contrib-group,disp-formula-group,element-citation,fig,fig-group,front-stub,graphic,media,supplementary-material,table-wrap,table-wrap-group

<fax> spec

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by addr-line,aff,collab,conf-loc,corresp,publisher-loc,
  - but as structured element by address

<fig> spec

- categories: structured,hybrid

  considered as hybrid because:

  Use structured only
  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig-group,floats-group,glossary,notes,ref-list,sec,trans-abstract

<fig-count> spec

- categories: structured

<fig-group> spec

- categories: structured,hybrid

  considered as hybrid because:

  Use structured only
  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,floats-group,glossary,notes,ref-list,sec,trans-abstract

<fixed-case> spec

- categories: text,hybrid

  considered as hybrid because: Use as annotation only

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

<floats-group> spec

- categories: structured

<fn> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

    - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
    - but as structured element by author-notes,contrib,contrib-group,element-citation,fn-group,table-wrap-foot

<fn-group> [spec](#)

- categories: structured

<fpage> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

    - used inline by mixed-citation,product,related-article,related-object,
    - but as structured element by article-meta,element-citation,front-stub,nlm-citation

<front> [spec](#)

- categories: structured

<front-stub> [spec](#)

- categories: structured

<funding-group> [spec](#)

- categories: structured

<funding-source> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by funding-statement,license-p,p,
  - but as structured element by award-group

<funding-statement> [spec](#)

- categories: text   Should be structured

<given-names> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by speaker,string-name,
  - but as structured element by name

<glossary> [spec](#)

- categories: structured

<glyph-data> [spec](#)

- categories: text

<glyph-ref> [spec](#)

- categories: structured

<gov> [spec](#)

- categories: text,hybrid

  considered as hybrid because: Use structured only

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation

<graphic> [spec](#)

- categories: structured,hybrid   Use structured only

considered as hybrid because:

- used inline by chem-struct,disp-formula,license-p,named-content,p,sig,sig-block,styled-content,td,term,th,
- but as structured element by abstract,ack,alternatives,app,app-group,array,bio,body,boxed-text,chem-struct-wrap,disp-quote,fig,fig-group,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<history> spec

- categories: text

<hr> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by element-citation

<inline-formula> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,

- but as structured element by element-citation

<inline-graphic> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by alternatives,element-citation,private-char

<inline-supplementary-material> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by alternatives,element-citation

<institution> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by addr-line,aff,collab,conf-loc,conf-sponsor,copyright-holder,corresp,funding-source,mixed-citation,on-behalf-of,principal-award-recipient,product,publisher-loc,publisher-

name,related-article,related-object,std-organization,

- but as structured element by address,element-citation,institution-wrap

\<institution-id\> [spec](#)

- categories: text

\<institution-wrap\> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by addr-line,aff,collab,conf-loc,conf-sponsor,copyright-holder,corresp,funding-source,mixed-citation,on-behalf-of,principal-award-recipient,product,publisher-loc,publisher-name,related-article,related-object,std-organization,
  - but as structured element by address,element-citation

\<isbn\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by article-meta,element-citation,front-stub,journal-meta

\<issn\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation,journal-meta

\<issn-l\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation,journal-meta

\<issue\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

- used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
- but as structured element by article-meta,element-citation,front-stub,nlm-citation,volume-issue-group

<issue-id> [spec](#)

- categories: text,<mark>hybrid</mark>

considered as hybrid because:

  - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
  - but as structured element by article-meta,element-citation,front-stub,volume-issue-group

<issue-part> [spec](#)

- categories: text,<mark>hybrid</mark>

considered as hybrid because:

  - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
  - but as structured element by article-meta,element-citation,front-stub,volume-issue-group

<issue-sponsor> [spec](#)

- categories: text

<issue-title> [spec](#)

- categories: text,<mark>hybrid</mark>

considered as hybrid because:

  - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
  - but as structured element by article-meta,element-citation,front-stub,volume-issue-group

<italic> [spec](#)

- categories: text,<mark>hybrid</mark>

considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-

block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
- but as structured element by element-citation

<journal-id> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by related-article,
  - but as structured element by journal-meta

<journal-meta> spec

- categories: structured

<journal-subtitle> spec

- categories: text

<journal-title> spec

- categories: text

<journal-title-group> spec

- categories: structured

<kwd> spec

- categories: text

<kwd-group> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by disp-formula,
  - but as structured element by app-group,article-meta,chem-struct-wrap,disp-formula-group,fig,fig-group,front-stub,graphic,media,sec-meta,statement,supplementary-material,table-wrap,table-wrap-group

<label> spec

- categories: text,hybrid

considered as hybrid because:

  - used inline by aff,chem-struct,corresp,disp-formula,mixed-citation,product,related-article,related-object,textual-form,
  - but as structured element by abstract,ack,address,app,app-group,array,author-notes,back,bio,boxed-text,chem-struct-wrap,def-item,def-list,disp-formula-group,disp-quote,element-citation,fig,fig-group,fn,fn-group,glossary,graphic,kwd-group,list,list-item,media,note,notes,ref,ref-list,sec,statement,supplementary-material,table-wrap,table-wrap-foot,table-wrap-group,trans-abstract,verse-group

\<license> spec

- categories: structured

\<license-p> spec

- categories: text

\<list> spec

- categories: structured,hybrid

considered as hybrid because:

  - used inline by chem-struct,license-p,named-content,p,styled-content,td,th,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,front,glossary,list-item,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

\<list-item> spec

- categories: structured

\<long-desc> spec

- categories: text,hybrid

considered as hybrid because:

  - used inline by chem-struct,disp-formula,inline-supplementary-material,preformat,
  - but as structured element by array,chem-struct-wrap,disp-formula-group,fig,fig-group,graphic,media,supplementary-material,table-wrap,table-wrap-group

\<lpage> spec

- categories: text,hybrid

considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by article-meta,element-citation,front-stub,nlm-citation

<media> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by chem-struct,disp-formula,license-p,named-content,p,sig,sig-block,styled-content,td,term,th,
  - but as structured element by abstract,ack,alternatives,app,app-group,array,bio,body,boxed-text,chem-struct-wrap,disp-quote,fig,fig-group,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<meta-name> spec

- categories: text

<meta-value> spec

- categories: text

<milestone-end> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by element-citation

<milestone-start> spec

- categories: structured,hybrid

  considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
- but as structured element by element-citation

<mixed-citation> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by license-p,p,td,th,title,
  - but as structured element by citation-alternatives,ref

<monospace> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

<month> spec

- categories: text,hybrid

  considered as hybrid because:

- used inline by access-date,conf-date,date-in-citation,mixed-citation,product,related-article,related-object,std,string-date,time-stamp,
- but as structured element by date,element-citation,nlm-citation,pub-date

<name> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,person-group,principal-award-recipient,principal-investigator,product,related-article,related-object,
  - but as structured element by contrib,element-citation,name-alternatives

<name-alternatives> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,person-group,principal-award-recipient,principal-investigator,product,related-article,related-object,
  - but as structured element by contrib,element-citation

<named-content> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

<nested-kwd> [spec](#)

- categories: structured

~~<nlm-citation>~~ [~~spec~~](#)

- ~~categories: structured,hybrid~~

  ~~considered as hybrid because:~~

  - ~~used inline by license-p,p,td,th,title,~~
  - ~~but as structured element by citation-alternatives,ref~~

\<note\> [spec](#)

- categories: structured

\<notes\> [spec](#)

- categories: structured

\<object-id\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by chem-struct,mixed-citation,product,related-article,related-object,
  - but as structured element by abstract,boxed-text,chem-struct-wrap,element-citation,fig,graphic,media,supplementary-material,table-wrap,trans-abstract

\<on-behalf-of\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by collab,
  - but as structured element by contrib,contrib-group

\<open-access\> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by funding-statement,license-p,p,
  - but as structured element by funding-group

\<overline\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
- but as structured element by `element-citation`

\<overline-end\> [spec]()

- categories: structured,`hybrid`

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by `element-citation`

\<overline-start\> [spec]()

- categories: structured,`hybrid`

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-

content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
- but as structured element by `element-citation`

\<p\> [spec](#)

- categories: text,`hybrid`

  considered as hybrid because:

  - used inline by `td`,`th`,
  - but as structured element by abstract,ack,annotation,app,app-group,author-comment,author-notes,bio,body,boxed-text,caption,def,disp-quote,fig,fn,glossary,list-item,note,notes,open-access,ref-list,sec,speech,statement,supplementary-material,table-wrap-foot,trans-abstract

\<page-count\> [spec](#)

- categories: structured

\<page-range\> [spec](#)

- categories: text,`hybrid`

  considered as hybrid because:

  - used inline by `mixed-citation,product,related-article,related-object`,
  - but as structured element by article-meta,element-citation,front-stub

\<part-title\> [spec](#)

- categories: text,`hybrid`

  considered as hybrid because:

  - used inline by `mixed-citation,product,related-article,related-object`,
  - but as structured element by element-citation

\<patent\> [spec](#)

- categories: text,`hybrid`

  considered as hybrid because:

  - used inline by `mixed-citation,product,related-article,related-object`,
  - but as structured element by element-citation,nlm-citation

\<permissions\> [spec](#)

- categories: structured,`hybrid`

considered as hybrid because:

- used inline by <mark>disp-formula,preformat</mark>,
- but as structured element by app,array,article-meta,boxed-text,chem-struct-wrap,disp-quote,fig,front-stub,graphic,media,sec-meta,statement,supplementary-material,table-wrap,table-wrap-foot,verse-group

<person-group> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
  - but as structured element by element-citation,nlm-citation

<phone> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>addr-line,aff,collab,conf-loc,corresp,publisher-loc</mark>,
  - but as structured element by address

<postal-code> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>addr-line,aff,collab,conf-loc,corresp,publisher-loc</mark>,
  - but as structured element by address

<prefix> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>speaker,string-name</mark>,
  - but as structured element by name

<preformat> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>chem-struct,disp-formula,license-p,named-content,p,styled-content,td,term,th</mark>,
  - but as structured element by abstract,ack,alternatives,app,app-group,bio,body,boxed-text,chem-struct-wrap,disp-quote,fig,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-

wrap,trans-abstract

<price> [spec](#)

- categories: text,anno

<principal-award-recipient> [spec](#)

- categories: text

<principal-investigator> [spec](#)

- categories: text

<private-char> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by alternatives,element-citation

<product> [spec](#)

- categories: text

<pub-date> [spec](#)

- categories: structured

<pub-id> [spec](#)

- categories: text,hybrid

considered as hybrid because:

- used inline by <mark>mixed-citation,product,related-article,related-object,std</mark>,
- but as structured element by element-citation,nlm-citation

\<publisher\> [spec](#)

- categories: structured

\<publisher-loc\> [spec](#)

- categories: text,<mark>hybrid</mark>

    considered as hybrid because:

    - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
    - but as structured element by element-citation,nlm-citation,publisher

\<publisher-name\> [spec](#)

- categories: text,<mark>hybrid</mark>

    considered as hybrid because:

    - used inline by <mark>mixed-citation,product,related-article,related-object</mark>,
    - but as structured element by element-citation,nlm-citation,publisher

\<rb\> [spec](#)

- categories: text

\<ref\> [spec](#)

- categories: structured

\<ref-count\> [spec](#)

- categories: structured

\<ref-list\> [spec](#)

- categories: structured

<mark>\<related-article\></mark> [spec](#)

- categories: <mark>text,hybrid</mark>   Should be structured element

considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
- but as structured element by abstract,ack,app,app-group,article-meta,bio,body,boxed-text,disp-quote,element-citation,front-stub,glossary,notes,ref-list,sec,trans-abstract

<related-object> spec

- categories: text,hybrid   Should be structured element
  Use structured only

considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
- but as structured element by abstract,ack,app,app-group,article-meta,bio,body,boxed-text,disp-quote,element-citation,front-stub,glossary,notes,ref-list,sec,trans-abstract

<response> spec

- categories: structured

<role> spec

- categories: text,hybrid

considered as hybrid because:

- used inline by collab,mixed-citation,person-group,product,related-article,related-object,sig-block,

- but as structured element by contrib,contrib-group,element-citation

<roman> spec

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by <mark>element-citation</mark>

<rp> spec

- categories: text

<rt> spec

- categories: text

<ruby> spec

- categories: structured,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,

- but as structured element by <mark>element-citation</mark>

<sans-serif> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by <mark>element-citation</mark>

<sc> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by <mark>element-citation</mark>

<season> [spec](#)

- categories: text,<mark>hybrid</mark>

  considered as hybrid because:

  - used inline by <mark>access-date,conf-date,date-in-citation,mixed-citation,product,related-article,related-object,string-date,time-stamp,</mark>

- but as structured element by date,element-citation,nlm-citation,pub-date

<sec> [spec](#)

- categories: structured

<sec-meta> [spec](#)

- categories: structured

<self-uri> [spec](#)

- categories: text

<series> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

    - used inline by mixed-citation,product,related-article,related-object,
    - but as structured element by element-citation,nlm-citation

<series-text> [spec](#)

- categories: text

<series-title> [spec](#)

- categories: text

<sig> [spec](#)

- categories: text,anno

<sig-block> [spec](#)

- categories: text

<size> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by element-citation

<source> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,std,
  - but as structured element by element-citation,nlm-citation

<speaker> [spec](#)

- categories: text

<speech> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract

<state> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by addr-line,aff,collab,conf-loc,corresp,publisher-loc,
  - but as structured element by address

<statement> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,glossary,notes,ref-list,sec,statement,supplementary-material,table-wrap,trans-abstract

<std> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by element-citation

<std-organization> spec

- categories: text,anno

<strike> spec

- categories: text,hybrid

  considered as hybrid because:

    - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
    - but as structured element by element-citation

<string-conf> spec

- categories: text,hybrid

  considered as hybrid because:

    - used inline by string-conf,
    - but as structured element by conference

<string-date> spec

- categories: text,hybrid

  considered as hybrid because:

    - used inline by history,mixed-citation,product,related-article,related-object,
    - but as structured element by date,element-citation,pub-date

<string-name> spec

- categories: text,hybrid

considered as hybrid because:

- used inline by mixed-citation,person-group,principal-award-recipient,principal-investigator,product,related-article,related-object,
- but as structured element by contrib,element-citation,name-alternatives

\<styled-content\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

\<sub\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-holder,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

\<sub-article\> [spec](#)

- categories: structured

<subj-group> [spec](#)

- categories: structured

<subject> [spec](#)

- categories: text

<subtitle> [spec](#)

- categories: text

<suffix> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by speaker,string-name,
  - but as structured element by name

<sup> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-holder,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

<supplement> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,

- but as structured element by article-meta,element-citation,front-stub,nlm-citation

<supplementary-material> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,alternatives,app,app-group,article-meta,bio,body,boxed-text,disp-quote,floats-group,front-stub,glossary,notes,ref-list,sec,trans-abstract

<surname> spec

- categories: text,hybrid

  considered as hybrid because:

  - used inline by speaker,string-name,
  - but as structured element by name

<table> spec

- categories: structured

<table-count> spec

- categories: structured

<table-wrap> spec

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,floats-group,glossary,notes,ref-list,sec,supplementary-material,table-wrap-group,trans-abstract

<table-wrap-foot> spec

- categories: structured

<table-wrap-group> spec

- categories: structured,hybrid

considered as hybrid because:

- used inline by license-p,named-content,p,styled-content,
- but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,floats-group,glossary,notes,ref-list,sec,trans-abstract

<target> spec

- categories: text,hybrid

considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
- but as structured element by element-citation

<tbody> spec

- categories: structured

<td> spec

- categories: text

<term> spec

- categories: text

<term-head> spec

- categories: text

<tex-math> spec

- categories: text,hybrid

considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
- but as structured element by abstract,ack,alternatives,app,app-group,bio,body,boxed-text,disp-quote,element-citation,glossary,notes,ref-list,sec,trans-abstract

<textual-form> [spec](#)

- categories: text

<tfoot> [spec](#)

- categories: structured

<th> [spec](#)

- categories: text

<thead> [spec](#)

- categories: structured

<time-stamp> [spec](#)

- categories: text

<title> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by supplement,
  - but as structured element by abstract,ack,app,app-group,author-comment,author-notes,back,bio,caption,def-list,disp-quote,fn-group,glossary,kwd-group,list,list-item,notes,ref-list,sec,statement,table-wrap-foot,trans-abstract,verse-group

\<title-group\> [spec](#)

- categories: structured

\<tr\> [spec](#)

- categories: structured

\<trans-abstract\> [spec](#)

- categories: structured

\<trans-source\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation,nlm-citation

\<trans-subtitle\> [spec](#)

- categories: text

\<trans-title\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,
  - but as structured element by element-citation,nlm-citation,trans-title-group

\<trans-title-group\> [spec](#)

- categories: structured

\<underline\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-

theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,

- but as structured element by element-citation

\<underline-end\> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,
  - but as structured element by element-citation

\<underline-start\> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,compound-subject-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,price,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,textual-form,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,

- but as structured element by element-citation

\<unstructured-kwd-group> [spec](#)

- categories: text

\<uri> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,data-title,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by address,array,article-meta,chem-struct-wrap,contrib,contrib-group,disp-formula-group,element-citation,fig,fig-group,front-stub,graphic,media,supplementary-material,table-wrap,table-wrap-group

\<verse-group> [spec](#)

- categories: structured,hybrid

  considered as hybrid because:

  - used inline by license-p,named-content,p,styled-content,
  - but as structured element by abstract,ack,app,app-group,bio,body,boxed-text,disp-quote,fig,glossary,notes,ref-list,sec,supplementary-material,table-wrap,trans-abstract,verse-group

\<verse-line> [spec](#)

- categories: text

\<version> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by mixed-citation,product,related-article,related-object,

- but as structured element by element-citation

<volume> [spec](#)

- categories: text,hybrid

considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by article-meta,element-citation,front-stub,nlm-citation,volume-issue-group

<volume-id> [spec](#)

- categories: text,hybrid

considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by article-meta,element-citation,front-stub,volume-issue-group

<volume-issue-group> [spec](#)

- categories: structured

<volume-series> [spec](#)

- categories: text,hybrid

considered as hybrid because:

- used inline by mixed-citation,product,related-article,related-object,
- but as structured element by article-meta,element-citation,front-stub,volume-issue-group

<word-count> [spec](#)

- categories: structured

<x> [spec](#)   This seems to be a legitimate candidate for hybrid

- categories: text,hybrid

considered as hybrid because:

- used inline by abbrev,abbrev-journal-title,access-date,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,collab,comment,compound-kwd-part,conf-acronym,conf-date,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-holder,copyright-statement,corresp,country,date-in-citation,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,isbn,issn,issn-

l,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,long-desc,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,person-group,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,size,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,time-stamp,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,x,xref,

- but as structured element by abstract,ack,address,app,app-group,article-meta,author-notes,bio,body,boxed-text,conference,contrib,contrib-group,def-item,def-list,disp-quote,element-citation,fn-group,front-stub,glossary,kwd-group,list,notes,pub-date,ref,ref-list,sec,table-wrap-foot,trans-abstract

\<xref\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by abbrev,abbrev-journal-title,addr-line,aff,alt-title,anonymous,article-title,attrib,award-id,bold,chapter-title,chem-struct,code,collab,comment,compound-kwd-part,conf-acronym,conf-loc,conf-name,conf-num,conf-sponsor,conf-theme,copyright-statement,corresp,def-head,degrees,disp-formula,edition,email,etal,ext-link,fax,fixed-case,funding-source,funding-statement,given-names,gov,history,inline-formula,inline-supplementary-material,institution,issue,issue-part,issue-sponsor,issue-title,italic,journal-subtitle,journal-title,kwd,label,license-p,meta-name,meta-value,mixed-citation,monospace,named-content,on-behalf-of,overline,p,part-title,patent,phone,prefix,preformat,product,publisher-loc,publisher-name,rb,related-article,related-object,role,roman,sans-serif,sc,self-uri,series,series-text,series-title,sig,sig-block,source,speaker,std-organization,strike,string-conf,string-date,string-name,styled-content,sub,subject,subtitle,suffix,sup,supplement,surname,target,td,term,term-head,th,title,trans-source,trans-subtitle,trans-title,underline,unstructured-kwd-group,uri,verse-line,version,volume,volume-id,volume-series,xref,
  - but as structured element by contrib,contrib-group,element-citation

\<year\> [spec](#)

- categories: text,hybrid

  considered as hybrid because:

  - used inline by access-date,conf-date,date-in-citation,mixed-citation,product,related-article,related-object,std,string-date,time-stamp,
  - but as structured element by date,element-citation,nlm-citation,pub-date