

<abbrev> 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 **element-citation**

<abbrev-journal-title> spec

- categories: text

<abstract> spec

- categories: structured, **hybrid**

considered as hybrid because:

disp-formula should not be 'mixed'

- 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

~~<access-date>~~ spec

- ~~categories: text~~

<ack> spec

- categories: structured, **hybrid**

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

<aff> and others allow for mixed content
Thus, can occur as element
or as an annotation

<address> spec

- categories: structured, **hybrid**

considered as hybrid because:

- 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

Texture produces structured presentation.

Use structured only

<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**,
- but as structured element by aff-alternatives, article-meta, contrib, contrib-group, front-stub, journal-meta

Use structured only

<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**

considered as hybrid because:

Should be used structured only

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

<anonymous> spec

- categories: text, **hybrid**

considered as hybrid because:

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

Use structured only

<app> spec

- categories: structured

<app-group> spec

- categories: structured

<array> [spec](#)

- categories: structured, hybrid

considered as hybrid because:

Should be used as block-level element 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, 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

Use structured only

<author-notes> spec

- categories: structured

<award-group> spec

- categories: structured

<award-id> 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

<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

Use structured only

<body> spec

- categories: structured

<bold> 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,disformula,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**

considered as hybrid because:

Use structured only

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

<chem-struct> [spec](#)

- categories: **text**, **hybrid**

considered as hybrid because:

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

- 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,dis-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,dis-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, hybrid

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

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

<collab-alternatives> [spec](#)

- categories: structured, hybrid

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

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

<comment> [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

<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`

considered as hybrid because:

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

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

<def-head> spec

- categories: text

<def-item> spec

- categories: structured

<def-list> spec

- categories: structured, hybrid

considered as hybrid because: Use structured only

- 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, def-list, disp-quote, fig, front, glossary, list-item, notes, ref-list, sec, supplementary-material, table-wrap, trans-abstract

<degrees> spec

- categories: text, hybrid

considered as hybrid because: Use structured only

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

<disp-formula> spec

- categories: text, 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-formula-group, disp-quote, fig, glossary, notes, ref-list, sec, supplementary-material, trans-abstract

<disp-formula-group> 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-formula-group, disp-quote, fig, glossary, notes, ref-list, sec, supplementary-material, trans-abstract

<disp-quote> 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, 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**

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, 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](#)

In Texture we use <fn-group> to define <fn>s
and use <xref> for referencing

- 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:

Use structured only

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

<issue-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

<issue-part> [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

<issue-sponsor> [spec](#)

- categories: text

<issue-title> [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

<italic> [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**

<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,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,disformula,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,disformula,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,disformula,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,
- o but as structured element by **element-citation**

<p> **spec**

- categories: text,**hybrid**

considered as hybrid because:

- o used inline by **td,th**,
- o 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:

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

<part-title> **spec**

- categories: text,**hybrid**

considered as hybrid because:

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

<patent> **spec**

- categories: text,**hybrid**

considered as hybrid because:

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

<permissions> **spec**

- categories: structured,**hybrid**

considered as hybrid because:

- used inline by `disp-formula,preformat`,
- 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, `hybrid`

considered as hybrid because:

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

<phone> [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

<postal-code> [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

<prefix> [spec](#)

- categories: text, `hybrid`

considered as hybrid because:

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

<preformat> [spec](#)

- categories: text, `hybrid`

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

<publisher> [spec](#)

- categories: structured

<publisher-loc> [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,publisher

<publisher-name> [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,publisher

<rb> [spec](#)

- categories: text

<ref> [spec](#)

- categories: structured

<ref-count> [spec](#)

- categories: structured

<ref-list> [spec](#)

- categories: structured

<related-article> [spec](#)

- categories: **text,hybrid** 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,dis-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,dis-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, **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**

<rp> [spec](#)

- categories: text

<rt> [spec](#)

- categories: text

<ruby> [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**

<sans-serif> [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**

<sc> [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**

<season> [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, string-date, time-stamp,**

- 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,dis-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,dis-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, dis-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,dis-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,dis-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,

- o but as structured element by **element-citation**

<underline-end> [spec](#)

- categories: structured, **hybrid**

considered as hybrid because:

- o 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,
- o but as structured element by **element-citation**

<underline-start> [spec](#)

- categories: structured, **hybrid**

considered as hybrid because:

- o 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,underline,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,
- o 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:

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

<year> spec

- categories: text,hybrid

considered as hybrid because:

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