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    passed: myfoo not defined
TESTING STARRAY

    — properties/sub-structures, one definition at a time —
STtest
passed: dup detected

STtestX
passed: new done!

adding struct ZX to STtest.TT
passed: defined correctly!

STtest.TT Zy=TT Zy-default
passed

STtest.TTT Zy(err)=TT Zy-default
passed: err detected

    — Extending def structure of an already instantiated starray —
    Note: it will loop if not fixed!
    — Fixing it —
    Note: STtest def \show shall appear in logs (if fixed)
    Note: STtest terms \show shall appear in logs (if fixed)

    Note: STtest.SSX (err/warning) shall be in logs:

    — testing term_syntax function —
STtest.TT.ZXx (err)
passed: err detected

STtest.TT.ZX (correct)
passed

    — Texting expandable predicates and command —
passed: myfoo isn't defined
passed: myfoo isn't defined
passed: STtest.TT.ZX is a starray

executing term syntax:n (no output)

This is ZXa:«TT Zx ZXa-default» (using 'parsed' one)

    — expandable cnt/iter commands —
The current cnt:2(using 'parsed' one)

passed: cnt isn't 0

The current iter:2(using 'parsed' one)

passed: iter is 2

passed: myfoo not a prop of
passed: ZXa is prop

passed: ZXa is true

    — Texting expandable predicates and command with parsed ref
    variables —

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executing term syntax:nNN (no output refA)
executing term syntax:nNN (no output refB)

This is ZXa:«TT Zx ZXa-default» (using 'refA' one)

— expandable cnt/iter commands —

The current cnt:2(using 'refA' one)

passed: cnt isn't 0

The current iter:1(using 'refB' one)

passed: iter is 1

The current iter:2(using 'refA' one)

passed: iter is 2

(using refA):

passed: myfoo not a prop of

(using refA):

passed: ZXa is prop

(using refB):

passed: ZXa wasn't found

passed: ZXa is true

— testing get_prop functions —

Note: This is (default) 'X' property fromSTtest[hah] term:
X-default

Note: Same with a token-list variable
X-default

Note: Same with 'branching'
X:X-default
passed: X found correctly

Xt:

passed: Xt don't exist

Note: (same) testing \...if_in:
passed: X exists
passed: Xty don't exit

— Testing iter functions —

Current STtest iter:

Note: direct access:2

Note: using a tmp var:2

Note: resetting iter

iter:1

Note: next iter

iter:2

Note: next iter

iter:2

Note: set iter hash

iter:1

Note: set iter->5

iter:2

Note: set iter->0

iter:1

— Testing iter functions with branching —

Current STtest iter:

passed: got: 1

iter from STtestY (err):

passed: syntax err OK

Note: resetting iter

passed

iter:1

Note: next iter

passed

iter:2

Note: next iter

passed: 'saturated'

iter:2

Note: set iter hash

passed: hash found

iter:1

Note: set iter->5

passed: 'over'

iter:2

Note: set iter->0

passed: 'under'

iter:1

Note: set iter->2

passed

iter:2

— Testing cnt functions —

Current STtest cnt:

Note: direct access:2

Note: using a tmp var:2

— Testing cnt function with branching —

Current STtest cnt:

passed: got: 2

Current STtestX cnt:

passed: got: 0

Current STtestY cnt:

passed: non existant

— Testing _if_in function —

passed: X found

passed: G not found

— Testing _term_syntax function —

STtest[2].TT is:

passed: correct

STtest[1].TT is:

passed: wasn't instantiated

STtest[1].GG is:

passed: not correct

— Testing (g)set_prop functions —

STtest[2].TT.Z current value: TT Z-default

STtest[2].TT.Z new value: newZ value

— Testing (g)set_prop inside a group —

STtest[2].TT.Z inside: newZ inside group

STtest[2].TT.Z outside: newZ value

STtest[2].TT.Z inside gset: newZ gset inside group

STtest[2].TT.Z outside: newZ gset inside group

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— Testing (g)set_prop functions —
STtest[2].TT.Z current value: newZ gset inside group
STtest[2].TT.Z new value: newZ value

— Testing (g)set_prop inside a group —
STtest[2].TT.Z inside: newZ inside group
STtest[2].TT.Z ouside: newZ value
STtest[2].TT.Z inside gset: newZ gset inside group
STtest[2].TT.Z ouside: newZ gset inside group

— Testing (g)set_prop functions with branching —
STtest[2].TT.Z current value: newZ gset inside group
passed: new value: newZZZZ value

— Testing (g)set_prop inside a group —
passed: new value: newZ inside group
STtest[2].TT.Z ouside: newZZZZ value
passed: new value: newZ gset inside group
STtest[2].TT.Z ouside: newZ gset inside group
setting:STtest[1].TT (err, not instantiated)
passed: correct, no instance

— set_prop:nnV inserting a sequence as a property —
Note: the 2 (equal) sequences shall be in log (\show )

— defining/setting from keyval —
— setting from keyval with branching —
passed: correct
— setting from keyval with branching II —
passed: correct
student definition:
>{student} struct =>
> {first} => {-first-}
> {last} => {-last-}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {Nproc} => {—}
> {ID} => {—}
> {email} => {—}
> {advisor} struct =>
> {first} => {-first-}
> {last} => {-last-}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {institution} => {-inst-}
> {titleinfo} => {-info-}
> {email} => {—}
> {phone} => {—}
> {somedata} struct =>
> {fieldA} => {field-Ax}
> {fieldB} => {field-B}
> {fieldC} => {field-C}
> {fieldD} => {field-D}
> {reviewers} struct =>

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> {first} => {-first-}
> {last} => {-last-}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {institution} => {-inst-}
> {titleinfo} => {-info-}
> {email} => {—}
> {phone} => {—}

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student current terms:

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> {student[1]} (idx: A) =>
> {first} => {first name}
> {last} => {last name}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {Nproc} => {—}
> {ID} => {—}
> {email} => {}
> {advisor[1]} (idx: A) =>
> {first} => {advisorA first name}
> {last} => {advisorA last name}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {institution} => {-inst-}
> {titleinfo} => {-info-}
> {email} => {—}
> {phone} => {—}
> {somedata[1]} (idx: A) =>
> {fieldA} => {field-Ax}
> {fieldB} => {field-B}
> {fieldC} => {field-C}
> {fieldD} => {field-D}
> {advisor[AB]} (idx: A) =>
> {first} => {advisorA first name}
> {last} => {advisorA last name}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {institution} => {-inst-}
> {titleinfo} => {-info-}
> {email} => {—}
> {phone} => {—}
> {somedata[1]} (idx: A) =>
> {fieldA} => {field-Ax}
> {fieldB} => {field-B}
> {fieldC} => {field-C}
> {fieldD} => {field-D}
> {advisor[2]} (idx: B) =>
> {first} => {student2set first name}

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> {last} => {student2set last name}
> {name} => {-full-name-}
> {article} => {o(a)}
> {narticle} => {(a)}
> {Article} => {O(A)}
> {Narticle} => {(A)}
> {institution} => {-inst-}
> {titleinfo} => {-info-}
> {email} => {—}
> {phone} => {—}
> {somedata[1]} (idx: A) =>
>   {fieldA} => {field-Ax}
>   {fieldB} => {field-B}
>   {fieldC} => {field-C}
>   {fieldD} => {field-D}
> {somedata[2]} (idx: B) =>
>   {fieldA} => {field-Ax}
>   {fieldB} => {field-B}
>   {fieldC} => {field-C}
>   {fieldD} => {field-D}
> {reviewers[1]} (idx: A) =>
>   {first} => {reviewerI first name}
>   {last} => {reviewerI last name}
>   {name} => {-full-name-}
>   {article} => {o(a)}
>   {narticle} => {(a)}
>   {Article} => {O(A)}
>   {Narticle} => {(A)}
>   {institution} => {-inst-}
>   {titleinfo} => {-info-}
>   {email} => {—}
>   {phone} => {—}

```