

PSL and SVA Operators

| <u>Operators</u> | <u>PSL</u> | <u>SVA</u> |
|--|---------------------|-----------------------------------|
| sequence delimiters | {...} | (...) |
| zero or more | [*] | [*] |
| one or more | [+] | [*1:\$] |
| consecutive repetition | [*count] [*range] | [*count] [*range] |
| arbitrary repetition | [=count] [=range] | [=count] [=range] |
| "goto" repetition | [->count] [->range] | [->count] [->range] |
| sequence disjunction | | or |
| sequence conjunction | & | and |
| length-matching sequence conjunction | && | intersect |
| a occurs in some cycle(s) during b | <i>within</i> | <i>within</i> |
| a occurs in every cycle during b | {a[*]} && {b[*]} | a throughout b[*0:\$] |
| sequence concatenation (non-overlapping) | ; | ##1 |
| sequence concatenation (overlapping) | : | ##0 |
| sequence same-cycle implication | -> | -> |
| sequence next-cycle implication | => | => |
| boolean implication | -> | |
| boolean bi-directional implication | <-> | |
| always | <i>always</i> | always |
| never | <i>never</i> | <i>not</i> |
| eventually | <i>eventually!</i> | Eventually, s_eventually |
| next (family of operators) | <i>next*</i> | next |
| until (family of operators) | <i>until*</i> | Until, s_until, until_with |
| before (family of operators) | <i>before*</i> | |
| interrupt (with success) | <i>abort</i> | <i>disable iff</i> |

PSL features

from PSL/OVA merging in DWG

reject_on, accept_on, sync_reject_on, sync_accept_on