RE2 Regex Compliance and Purview Impact

Essential reference for SIT pattern creation

Regex Pattern Feature	RE2 Compliance	Purview Impact
Positive Lookahead (?=…)	Not Supported	Use alternative negative lookaheads or keyword proximity
Negative Lookahead (?!…)	Not Supported	Use keyword lists to exclude matches
Positive Lookbehind (?<=…)	Not Supported	Use supporting elements before pattern match
Negative Lookbehind (?<!…)	Not Supported	Use exclusion keywords in additional checks
Backreferences (\1, \2)	Not Supported	Use capturing groups for extraction only, cannot reference
Nested Quantifiers (a+)+	Not Supported	Avoid nesting - flatten pattern structure
Capturing Groups ()	Supported	OK - use for substring extraction
Non-Capturing Groups (?:)	Supported	Preferred - reduces backtracking
Atomic Groups (?>)	Not Supported	Use lookaheads as alternative approach
Character Classes [a-z]	Supported	Core feature - fully supported
Anchors (^ $)	Supported	Recommended for precise matching
Word Boundaries (\b)	Supported	Use \b for word boundary detection
Quantifiers (+, *, ?, {n,m})	Supported (Limited)	Foundation of SIT patterns
Case-Insensitive (?i)	Supported	Required for case-insensitive matching