

































STIX Submission for Membership; large operators; binary operators












I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E3A0	∈	R	disin	set membership, long horizontal stroke \disin
I	E3A4	⊍	R	isins	set membership, vertical bar on horizontal stroke \isins
I	E3A2	⊋	R	isinsv	large set membership, vertical bar on horizontal stroke
I	E39C	∈̇	R	isindot	set membership, dot above \isindot
I	E3B8	∈̅	R	isinvb	set membership, bar under \isinvb
I	E3BC	∉	R	notins	negated (slash) set membership
I	E370	⊄	R	notinva	negated set membership, variant
I	E37B	̅̅	R	notinvb	negated set membership, variant
I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E37C	̅̅̅	R	notinvc	negated set membership, variant
I	E39D	∉̇	R	notindot	negated set membership, dot above
I	E39E	∈̅̅	R	isinE	set membership, two horizontal strokes \isinE
I	E39F	∉̅̅	R	notinE	negated set membership, two horizontal strokes
I	E800	⊃		bepsi	back epsilon: such that \backepsilon; backeps
I	E3A1	⊃̅	R	nisd	contains, long horizontal stroke \nisd
I	E3A5	⊃̅	R	nis	contains, vertical bar on horizontal stroke \nis
I	E3A3	⊃̅̅	R	xnis	large contains, vertical bar on horizontal stroke

I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E36D		R	notni	negated contains	
I	E37D		R	notnivb	contains, variant	
I	E37E		R	notnivc	contains, variant	
I	E254		L	xodot	circle dot operator	\backslash bigodot; bigodot; \backslash bigodot
I	E255		L	xoplus	circle plus operator	\backslash bigoplus; bigoplus; \backslash bigoplus
I	E256		L	xotime	circle times operator	\backslash bigotimes; bigotimes; \backslash bigotimes
I	E805		L	xcupdot	union operator with dot	\backslash bigcupdot
I	E258		L	xuplus	union operator with dot	\backslash biguplus; biguplus; \backslash biguplus
I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E65B		L	xsqcap	square intersection operator	\backslash bigsqcap
I	E257		L	xsqcup	square union operator	\backslash bigsqcup; bigsqcup; \backslash bigsqcup
I	E5C5		L	xoror	two logical or operator	\backslash disjquant
I	E5C6		L	xandand	two logical and operator	\backslash conjquant
I	E809		L	xtimes	big times operator	\backslash bigtimes
I	EA57		L	sumint	summation with integral	sumint
I	E378		L	qint	quadruple integral operator	\backslash iiiiint
I	E396		L	fpartint	finite part integral	\backslash intbar

I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E821		L	Barint	integral, double barred \intBar
I	E3D3		L	slint	integral, average (slashed) intslash
I	E395		L	cirfnint	circulation function bjz
I	E39B		L	awint	anti clock-wise integration
I	E397		L	rppolint	line integration, rectangular path around pole
I	E398		L	scpolint	line integration, semi-circular path around pole
I	E399		L	npolint	line integration, not including the pole
I	E376			pointint	integral around a point operator
I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E377		L	quatint	quaternion integral operator intsq
I	E39A		L	intlarhk	integral, left arrow with hook
I	E825		L	timeint	integral, crossed by times sign \intx
I	E822		L	capint	integral, overprinted with cap \intcap
I	E823		L	cupint	integral, overprinted with cup \intcup
I	EC0B		L	upint	upper integral (bar on top) \upint
I	EC0C		L	lowint	lower integral (bar on bottom) \lowint
I	EC0D		L	Join	join (large bowtie, relational database theory) \Join

I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	EC0E		L	xltri	large (operator) left triangle (relational database theory) \bigtriangleleft
X	EA53		N	sqrt2	square root of 2 sqrt2
X	EA54		N	sqrt3	square root of 3 sqrt3
I	E266		B	pluscir	plus, small circle above
I	E26A		B	plusacir	plus, circumflex accent above
I	E26B		B	simplus	plus, similar above
I	E25A		B	plusdu	plus sign, dot below \plusdot
I	E26C		B	plussim	plus, similar below
I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E269		B	plustwo	plus, two; Nim-addition
I	EA5A		B	plustrif	filled triangle with plus trifplus
I	E31A		B	mcomma	minus, comma above
I	E25B		B	minusdu	minus sign, dot below \minusdot
I	E25C		B	loplus	plus sign in left half circle Oplus
I	E25D		B	roplus	plus sign in right half circle bsv
I	E619		B	htimes	small, bold times Cross
I	E26D		B	timesd	times, dot timesdot

I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E28E	\times	B	timesbar	multiply sign, bar below
I	E812	\times	B	btimes	semidirect product: times sign, bottom closed \btimes
I	E264	\otimes	B	smashp	smash product
I	E25E	\otimes	B	lotimes	multiply sign in left half circle Otimes
I	E25F	\otimes	B	rotimes	multiply sign in right half circle bsw
I	E28D	\otimes	B	otimesas	multiply sign in circle, circumflex accent
I	E28C	\otimes	B	Otimes	multiply sign in double circle
I	E285	\oslash	B	odiv	divide in circle bsk
I/X	UniqID	Glyph	Class	STIX Name	Description (top) Synonyms (bottom)
I	E27B	\triangleplus	B	triplus	plus in triangle
I	E27C	\triangleminus	B	triminus	minus in triangle
I	E27D	\triangle	B	tritime	multiply in triangle
I	E259	\lrcorner	B	iproduct	interior product \intprod; lEg
I	EC00	\llcorner	B	iprodr	righthand interior product \intprodr
I	E844	\backslash	B	setmn	reverse solidus; backward division \setminus; setmn; \setminus; Backslash
I	E251	\sqcup	B	amalg	amalgamation or coproduct \amalg; amalg; \amalg
I	E261	$\cap\cdot$	B	capdot	intersection, with dot

I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E283		B	ncup	bar, union	
I	E284		B	ncap	bar, intersection	
I	E281		B	capand	intersection, and	
I	E282		B	cupor	union, or	
I	E26E		B	cupcap	union above intersection	
I	E26F		B	capcup	intersection above union	
I	E270		B	cupbrcap	union, bar, intersection	
I	E271		B	capbrcup	intersection, bar, union	
I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E272		B	cupcup	union, union, joined	
I	E273		B	capcap	intersection, intersection, joined	
I	E274		B	cups	union, serifs	
I	E275		B	caps	intersection, serifs	
I	E278		B	ccups	closed union, serifs	
I	E279		B	ccaps	closed intersection, serifs	
I	E276		B	sqcups	square union, serifs	
I	E277		B	sqcaps	square intersection, serifs	

I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E27A		B	ccupssm	closed union, serifs, smash product	
I	E3CA		B	anddot	with dot	
I	E3CB		B	ordot	ith dot	
I	E374		B	And	double logical and bip	
I	E375		B	Or	double logical or bio	
I	E36E		B	andand	two logical and bir	
I	E36F		B	oror	two logical or biq	
I	E3AE		B	orslope	sloping large or	
I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E3AF		B	andslope	sloping large and	
I	E391		B	andv	and with middle stem	
I	E392		B	orv	or with middle stem	
I	E393		B	ord	or, horizontal dash	
I	E394		B	andd	and, horizontal dash	
I	E5C8		B	Barwedl	double bar over large wedge biz	
I	E265		B	wedbar	wedge, bar below bts	
I	E3B0		B	veebar	/veebar B: logical or, bar below	
I/X	UniqID	Glyph	Class	STIX Name	Description (top)	Synonyms (bottom)
I	E5C7		B	veeBar	logical or, double bar below (large vee) biy	

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Submission 1998/12/01