

Special Sign Groups in InScribe 2004

Preliminary documentation. Please report any omissions or errors to Saqqara@csi.com.
Thank you.



About Special Sign Groups

This is an abbreviated document assuming reader is familiar with Gardiner codes, arrangements of signs etc. for Egyptian Hieroglyphs

Most of the time, grouping of hieroglyphs on computer is straightforward. A hieroglyph group is made from two or more rows of hieroglyphs, each row containing one or more signs. Software automatically adjusts the size and positioning of signs to balance the group. By design, the result is sufficiently like the way this was done in writing Ancient Egyptian to be useful for those working with digital versions of texts.



Manuel de Codage (or simply MdC) is a coding system for Egyptian Hieroglyphs introduced in *Manual for the Encoding of Hieroglyphic Texts for Computer-input* (Jan Buurman, Nicolas Grimal, Jochen Hallof, Michael Hainsworth and Dirk van der Plas, Informatique et Egyptologie 2, Paris 1988).. Popularised by the WinGlyph and MacScribe software, MdC has several dialects and is discussed elsewhere on www.gameset.com.

The original InScribe release used a coding system similar to the MdC notation for arranging groups of hieroglyphs into rows and columns. InScribe 2004 uses MdC in the interests of standardisation.


















































However the group/row approach breaks down in a very small percentage of cases. For example the Egyptians would not tend to write Dt (dt) as  rather the signs would be written in a more visually pleasing way, namely . In MdC notation, this combining of signs has come to be written using the '&' symbol so in the example above, the combination of D and t is written D&t (phonetically) or I10&X1 (using sign codes). There is no standard approach to these combinations in MdC software, this question is discussed further in the *InScribe 2004 MdC compatibility guide* (supplied with InScribe 2004 and also to be published on www.gameset.com).

InScribe 2004 specifies about 125 of these special groups and enables them to be used when creating texts. The next section of this document provides the complete list for reference.

























































The InScribe 2004 Special Group List

It is convenient to split the Special Groups into three sections: those involving the cobra , those with an ornithological connection such as , and the remainder.




















1. Sign combinations involving

	Hwt&D	O6&I10		D&z	I10&O34
	D&w	I10&G43		D&s	I10&S29
	D&wAD	I10&M13		D&sba	I10&N14
	D&wbn	I10&N8		D&sDm	I10&F21
	D&wD3	I10&O26		D&gbb&Z1	I10&N23&Z1
	wD2&D	V25&I10		D&t	I10&X1
	D&a	I10&D36		D&t&tA	I10&X1&N16
	D&a&r	I10&D36&D21		D&t&w	I10&X1&G43
	D&b	I10&D58		D&t&w&xnt	I10&X1&D19
	D&pd	I10&T9		D&t&w&iw	I10&X1&N18
	D&f	I10&I9		D&t&w&N33A	I10&X1&N33A
	D&f&f&f	I10&I9&I9&I9		D&t&n	I10&X1&N35
	D&m	I10&G17		D&t&ra	I10&X1&N5
	D&md	I10&S43		D&t&Y	I10&X1&Z4
	D&md&md&md	I10&S43&S43&S43		D&t&Z1	I10&X1&Z1
	D&md&N	I10&S43&S3		D&d	I10&D46
	D&md&Z1	I10&S43&Z1		D&Dw	I10&N26
	D&n	I10&N35		DD&t	I10&I10&X1
	D&n&n	I10&N35&N35		D&Y1	I10&Y1
	D&ra	I10&N5		D&Z1	I10&Z1
	D&r&t	I10&D21&X1		D&Z9	I10&Z9
	D&r&t&Z5	I10&D21&Y1&Z5		D&N33	I10&N33
	D&H	I10&V28		D&N33&N33&N33	I10&N33&N33&N33
	D&Hr	I10&D2		D&N33&t	I10&N33&X1
	D&H&t&Y	I10&V28&X1&Z4		D&N33&Z2	I10&N33&Z2

2. Sign combinations with an ornithological element

	A&Y	G1&Z4		mm&Y	G18&Z4
	A&ra	G1&N5		m&ni2	G17&D35
	A&x	G1&Aa1		m&x	G17&Aa1
	Ax&t	G25&X1		m&sDm	G17&F21
	Ax&x	G25&Aa1		m&t	G17&X1
	Ax&Z1	G25&Z1		m&T	G17&V13
	A&q	G1&N29		m&di2	G17&D38
	A&k	G1&V31		m&Z2	G17&Z2
	A&t	G1&X1		nw&w	W24&G43
	A&Z2	G1&Z2		raHrw&Axt2	G9&N19
	Y&w	Z4&G43		Hnqt&w	W22&G43
	aq&q	G35&N29		Hnqt&w&t	W22&G43&X1
	w&Y	G43&Z4		zA&ra	G39&N5
	w&h	G43&O4		zA&t	G39&X1
	w&St	G43&V1		zA&Z1	G39&Z1
	w&t	G43&X1		zA&Z2	G39&Z2
	w&Z2	G43&Z2		zA&q	G39&N29
	wr&t	G36&X1		snTr&bA&Z1	R7&G29&Z1
	bA&Z1	G29&Z1		tyw&Z2	G4&Z2
	bA3&Z1	G53&Z1		t&A	X1&G1
	bA&q	G29&N29		t&w	X1&G43
	bA&k	G29&V31		t&w&t	X1&G43&X1
	p&w	Q3&G43		t&mwt2	X1&G15
	m&is	G17&F51		t&mwt	X1&G14
	m&y	G17&Z4		t&Ax&x	X1&G25&Aa1
	m&a	G17&D36		G11&t	G11&X1
	mwt&t	G14&X1		G23&q	G23&N29
	mwt2&t	G15&X1		G31&Z1	G31&Z1

3. Other sign combinations

	i&mA	M17&U1		Hwt&t	O6&X1
	<u>imAx&x</u>	F39&Aa1		snTr&nTr	R7&R8
	imAX&Z1	F39&Z1		snTr&E10	R7&E10
	ns&z	F20&O34		S&mA	N37&U1
	ns&t	F20&X1		q&mA	N29&U1
	ns&t&Y	F20&X1&Z4		kA&wsr	D28&F12
	ns&Z1	F20&Z1		kA&Hm	D28&U36
	ns&Z1&is	F20&Z1&F51		t&mA	X1&U1
	nTr&Z2a	R8&Z2a		N42&b	N42&D58
	nTr&t	R8&X1			