# Quick Guide for the genealogy program **Aldfaer**

This guide is meant to be a short tutorial on how to use Aldfaer, the free Dutch genealogy program, with emphasis on its implementation of The Knot System relationship notation.



Below is Aldfaer's main window after start, a person is automatically selected. In these examples the demo database "TKSroyal.ged" is used:



From the top down you can see the Menu bar followed by the Toolbar. The remainder of the window shows in the left frame the person and his/her partner, children, parents and siblings. The right frame has tabs for various information about this active person.

## The Toolbar

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The Toolbar contains buttons for the most commonly used menu items, so instead of explaining every button, please refer to below screenshot with the menu items of the three most used menus. For each menu item you can see its toolbar button icon, its function in text and the corresponding keyboard shortcut, and the same is true for the remaining menus:

File	•		View		Database Go to	
-	Add		📰 Person register	Shift+Ctrl+P	+ Previous person in window	
Ē	Open	Ctrl+O	🖪 Reports	Shift+Ctrl+R	Reference person	
	Close		💀 Groups	Shift+Ctrl+G	Next person in window	
	Save	Ctrl+S	🚹 Calendar	Shift+Ctrl+K	Previous person in persons list Ctrl+	·Un
	Save as		Kinship	Shift+Ctrl+V	Next person in persons list Ctrl+Do	wn
a	Make backup	Ctrl+B	" 🛄 Notes	Shift+Ctrl+A	•	
GED			🔲 Windows	F9	The Father	F2
4 GED	Import from GEDCOM	Shift+Ctrl+I	🔆 Report Wizard	Shift+Ctrl+W	Mother	F3
-	Export to GEDCOM	Shift+Ctrl+E			· Siblings	•
6	Search Aldfaer files		Main window	,	📕 🚔 Partner	•
P	' Exit	Ctrl+Q			单点 Child	

This should give you enough information to navigate the options of Aldfaer.

**Observe:** The "View" menu items open separate windows or dialogs indicated by the three periods (...) after the text. Aldfaer can work with many windows open at a time, so if you have a big monitor you should keep the most often used windows open.

### **MyHeritage**

The main new feature in Aldfaer version 6.0 is the online interface to MyHeritage, please observe that it is active from installation.

MyHeritage uses Smart Matching<sup>™</sup> and Record Matching technologies to match between family trees and historical records on MyHeritage and Aldfaer trees.

Smart Matches<sup>™</sup> are not bi-directional: Aldfaer users receive them with trees of MyHeritage users, but MyHeritage users do not receive them with trees of Aldfaer users.

It is possible to disable the online interface to MyHeritage in the "Settings" dialog opened from the "Tools" menu just by removing the checkmark from the "Use online services". At the same place there is a link to "MyHeritage Matches and Privacy policy", click it and read the policy carefully.

### Language files

Language files in Aldfaer has a rather simple format where lead text and the translation is on the same textline, each surrounded by quotes with a single space between them:

"lead text 1" "translation of lead text 1""lead text 2" "translation of lead text 2"":. (Quote colon period) are comment lines that should not be translated."

If you wish to translate a text string in Aldfaer's user interface, menu's etc. it is easy to open the language file in the "Notepad" program and search for the text string and when found change it to your wish. Then save the language file and verify that the change took place by selecting "English" in the "Language" submenu of the "Tool" menu, this forces Aldfaer to reload the English language file.

## The Knot System implementation

First use the "View" menu "Person register..." window to locate and select the person you wish to be the reference person or Proband for calculating relationships.

Then in the "Person" menu chose the menu item "Reference person" and in the submenu select "Mark as Proband". In this case Queen Margarethe II of Denmark was selected. In the right frame of the main window select the "Kin group" tab and the main window should look like this:

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Code			Female 🔻 74	🖊 Person	Birth	Marriage Death 🥕 Facts 1	Kin group	Groups Misc
Name	Denmark			Kin group	(15)			
	Margrethe II			Primary Kin	code	Persoon		
Born	16/04/1940	in A	malienborg, Copenhagen, Den	✓1		proband Margrethe II Denmark, 7	74, born. 1940	D (x1967) 🌈 🦻
Chr.		in		✓2		father Frederik IX Denmark, 72, 1	.899-1972 (x1	1935, 1k) // /
Dth		in		✓ 3 ✓ 4		mother Ingrid Denmark, 104, bori grandfather Christian X Denmark	n, 1910 (X195 76   1870-10	15, IK) // / 47 (~1898, 14) //
Bur.		in		√5		grandmother Alexandrine Denma	'k. 73. 1879-1	1952 (x1898, 1k)
						grandfather Gustav VI Adolf Swe	den, 90, 1882	2-1973 (x1905, x1923, 1k) 🥒
Marria	ige 10/06/1967	7 Cop	enhagen, Denmark	₹7		grandmother Margaret Great Brit	ain & Ireland,	38, 1882-1920 (x1905, 1k) 🖊
<ul> <li>O'He</li> </ul>	nrik Denmark, 80,	, borr	1934 (x1967) 🗡	<b>√</b> 8		greatgrandfather Frederik VIII De	enmark, 68, 1	843-1912 (x1869, 3k) 🖊
				₹9		greatgrandmother Louise Denmar	k, 74, 1851-1	1926 (x1869, 3k) 🥒
				✓ 10		greatgrandfather Friedrich Franz	III Mecklenbu	urg-Schwerin, 46, 1851-1897 (×1879, 2k)
Childre	en			✓ 11		greatgrandmother Anastasia Mich	iailovna Russi	a, 61, 1860-1922 (x1879, 2k) 🥢
				<ul> <li>■ 12</li> <li>■ 13</li> </ul>		greatgrandiather Gustav V Swed	en, 92, 1000- n 67 1862-1	1930 (x1001, 1K) 🎢
				✓ 14		greatgrandfather Arthur Great Br	itain & Ireland	d. 91, 1850-1942 (x1879, 1k) 🥒
				✓ 15		greatgrandmother Luise Margarel	Prussia, 56,	1860-1917 (×1879, 1k) 🖊
Parent	ts			Line of re	lations	nip: greatgrandfather (father	of mums m	other)
✓ O'Fre	ederik IX Denmark	, 72,	1899-1972 (×1935, 1k)	Ascent list	Person		Ascent list	Person
🔹 t tuč	grid Denmark, 104	r, bor	n. 1910 (x1935, 1k) 🌈 🎢	✓14	Arthur	Great Britain & Ireland, 91	1	Arthur Great Britain & Ireland, 9
e-1 1:				₹7	Margar	et Great Britain & Ireland, 38, 1		
Sibling	IS		( the sound sound A R	✓3	Ingrid E	enmark, 104, born. 1910 (x19		
✓ ¥ Ma	argrethe II Denma	яж, 7-	9, born. 1940 (x1967) 🖉 🏲	1	Margre	the II Denmark, 74, born. 1940		

In the Kin group tab you can see by the title "**Kin group (15)**" that the group consist of 15 persons and below the title is a list of members of the group sorted on their Primary KinCode. The Proband, Queen Margrethe is coloured red because she was marked as Proband above.

In the member list ancestor no. 14, the Queens great grandfather Arthur of Great Britain and Ireland has been selected by a click, and at the bottom of the frame is a verbal description of his "Line of relationship" to Queen Margrethe.

Just below this verbal relationship description there are two frames, each with an Ascent list that describes the relationship to the common ancestor of the active person and the selected person which in this case is Arthur himself.

The number of members in a Kin group is dependent on the number of generations Aldfaer is searching for relatives, by default the number is set to three. To change this number open the "Database" menu and select the "Properties" item which opens an "Eigenschappen" dialog which unfortunately is not yet translatable. Look for the middle frame:

Verwantschap	
Maximum verwantschapsgraad:	3

... and change this number into 6 (six) and observe when you exit that the **Kin group (125)** title now shows that there are 125 members of the Queens Kin group:

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Code	Female 🔻 74	🖊 Person Birth	Marriage Death 🥕 Facts 1	Kin group	Groups Misc
Name Denmark		Kin group (125)			
Margrethe II		Primary Kincode	Persoon		<u> </u>
Born 16/04/1940 in	Amalienborg, Copenhagen, Den	✓1	proband Margrethe II Denmark, 7	4, born. 1940	) (×1967) 🎢 🎽
Chr. in		✓2	Father Frederik IX Denmark, 72, 1 mether Jagrid Denmark, 104, bern	899-1972 (x1	1935, 1k) 🖉 🎢 📃
Dth in		<ul> <li>✓ 3</li> <li>✓ 4</li> </ul>	- mother Ingrid Denmark, 104, born - grandfather Christian X Denmark.	76, 1870-194	15, 16) / / / 47 (x1898, 1k) /
Bur. in		√5	grandmother Alexandrine Denmari	k, 73, 1879-1	1952 (x1898, 1k) 🖉
Marriage 10/06/1967 Co <ul> <li>of Henrik Denmark, 80, bo</li> </ul> Children	openhagen, Denmark rn. 1934 (x1967) 🎤	<pre></pre>	grandfather Gustav VI Adolf Swed grandmother Margaret Great Brita greatgrandfather Frederik VIII De greatgrandmother Louise Denmarl granduncle Haakon VII Norway, 8 grandaunt Ingeborg Denmark, 79, cousin Olav V Norway, 87, 1903-1 cousin Märtha Norway, 87, 1903-1 cousin Harald V Norway, 77, born greatgrandfather Friedrich Franz 1 greatgrandfather Friedrich Franz 1	len, 90, 1882 iin & Ireland, nmark, 68, 1i k, 74, 1851-1 5, 1872-1957 , 1878-1958 991 (x1929, -1954 (x1929, . 1937 (x1968) III Mecklenbu ailowna Russi	2-1973 (x1905, x1923, 1k) 38, 1882-1920 (x1905, 1k) 843-1912 (x1869, 3k) 926 (x1869, 3k) (x1897, 1k) (x1897, 1k) 1k) 1k) s) a 61, 1860-1922 (x1879, 2k)
Parents		Line of relations	hip: cousin (son of father's fatl	her's brothe	ers son)
<ul> <li>O'Frederik IX Denmark, 72</li> <li>O Is said Denmark, 404</li> </ul>	2, 1899-1972 (x1935, 1k) / /	Ascent list Person	י <u></u>	Ascent list	Person
<ul> <li>¥ Ingrid Denmark, 104, bi</li> </ul>	orn. 1910 (X1935, 1K) 🥢 🖊	✓8 Frede ✓4 Christia	rik VIII Denmark, 68, 1843 an X Denmark, 76, 1870-1947 (x	<b>√8</b> ✓4	Frederik VIII Denmark, 68, 1843 Haakon VII Norway, 85, 1872-1957 (
Siblings		✓2 Freder	ik IX Denmark, 72, 1899-1972 (	<b>√</b> 2	Olav V Norway, 87, 1903-1991 (x192
✓ ♀ Margrethe II Denmark,	74, born. 1940 (x1967) 🌈 🦻	1 Margre	sthe II Denmark, 74, born. 1940	1	Harald V Norway, 77, born. 1937 (x1

In above screenshot King Harald of Norway is selected in the Kin group members list and the frames at the bottom shows the Queens and Kings respective Ascent lists linking them to their common ancestor for this primary relationship namely King Frederik VIII of Denmark.

#### **Complex relationships**

The actual relationship between the Queen of Denmark and the King of Norway is far more complex than shown above. To evaluate the more complex kinship between the two within the number of generations specified (6) you will have to open the "Kinship…" window in the "View" menu as seen below:

5ymbols	Name (1)	First name (2)	Born/baptized	Place birth/bapt 🔥	Symbols	Name (1)	First name (2)	Born/ba
12	Denmark [1]	Margrethe II	*16/04/1940	Amalienborg, Cop	1	Norway	Harald V	*21/02,
	Denmark & Norway	Caroline Mathilde	*11/07/1751	Leicester House, 💻	1	Norway	Maud	*26/11
	Denmark & Norway	Christian VII	*29/01/1749	Copenhagen, De	1	Norway	Märtha	*28/03,
	Eisenach	Auguste	*09/11/1771	Wolfenbüttel, Ge	/	Norway	Olav V	*02/07,
	France [149]	Joséphine	*23/06/1763	Trois Ilets, Martin		Norway	Sonja	*04/07,
1	Germany [55]	Augusta	*30/09/1811	Weimar, German	1	Oldenburg	Friedrich August	*11/01,
1	Germany	Augusta Victoria	*22/10/1858	Dölzig, Germany		Orange and Nassa	Willem V	*08/03,
1	Germany	Friedrich III	*18/10/1831	Potsdam, Germar	/	Prussia [41]	Alexandrine	*23/02,
A	Germany	Victoria	*21/11/1840	Buckingham Palac ⊻	1	Prussia [63]	Friederike	*30/09,
argrethe II	Denmark, 74, born. 1	1940 (x1967)			Harald ¥ No	rway, 77, born. 1937 (x	:1968)	
1argrethe II	Denmark, 74, born. 1	1940 (x1967)			Harald ¥ No	rway, 77, born. 1937 (x	:1968)	
1argrethe II	Denmark, 74, born. 🕯	1940 (x1967)		Automatic	Harald V No	rway, 77, born. 1937 (x	:1968)	
1argrethe II	Denmark, 74, born. 1	1940 (x1967)		🗹 Automatic (	Harald ¥ No	rway, 77, born. 1937 (x	:1968)	
1argrethe II	Denmark, 74, born.	1940 (x1967)		🗹 Automatic (	Harald ¥ No	rway, 77, born. 1937 (x	:1968)	Generation
1argrethe II	Denmark, 74, born. 1	1940 (x1967) 1843-1912 (x1869. 3k	)	Automatic	Harald ¥ No	rway, 77, born. 1937 (x	:1968)	Generation
1argrethe II	Denmark, 74, born. i Jerik VIII Denmark, 68, 1	1 <b>940 (×1967)</b> 1843-1912 (×1869, 3k	)	V Automatic	Harald V No calculation	ırway, 77, born. 1937 (x	:1968)	Generation
1argrethe II , 8.08 Pred	Denmark, 74, born. 1 Jerik VIII Denmark, 68, 1 Add. rel.ship % P	1940 (×1967) 1843-1912 (×1869, 3k erson	)	V Automatic	Harald V No calculation	<b>rway, 77, born. 1937 (x</b> Person	:1968)	Generation
inCode	Denmark, 74, born. 1           derik VIII Denmark, 68, 1           Add. rel.ship %           1.5625	1940 (×1967) 1843-1912 (×1869, 3k erson rederik VIII Denmark,	) 68, 1843-1912 (x1)	✓ Automatic (	Harald V No calculation	<b>rway, 77, born. 1937 (x</b> Person <i>Margrethe II Denmark, 74</i> ,	1968)	Generation
1argrethe II , 8.08 Free (inCode 8.08 9.09	Denmark, 74, born. 1 derik VIII Denmark, 68, 1 Add. rel.ship % P 1.5625 F 1.5625 Lu	1940 (×1967) 1843-1912 (×1869, 3k erson rederik VIII Denmark, ouise Denmark, 74, 18	) 68, 1843-1912 (x1) 351-1926 (x1869, 3	Automatic	Harald V No calculation	rway, 77, born. 1937 (x Person <i>Margrethe II Denmark, 74</i> , Frederik IX Denmark, 72, 1	1968) , born. 1940 (x1967, 1899-1972 (x1935, 1	Generation 6
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The Kinship window is divided into four corner frames and a control panel in the middle. The upper left frame is a mini Person register where you can select a Proband for the relationship calculation and the upper right frame is the same for a related person.

When the Kinship window is opened, the Proband in the upper left frame will be the same as the person in the main window and the Relative in the upper right frame will be the person selected in the Kin group tab. So in this case you will see Queen Margrethe automatically selected in the upper left (Proband) frame and King Harald selected in the upper right (Relative) frame.

The bottom left frame will show the full KinCode for the relationship between the two within the generation depth specified in the "Generations" field to the far right in the control panel, in this case 6. In the KinCode frame (lower left) you will see that the person with KinCode 8.08, Frederik VIII is selected (by a click) and therefore the bottom right frame shows the two Ascent lists that connects the Queen and King Harald to their common ancestor Frederik VIII (KinCode element 8.08).

The KinCode frame has three columns, the left "KinCode" shows all the KinCode elements that constitute the relationship, the middle column "Add. rel.ship %" shows the additive relationship in percent for each element and the third column "Person" shows the name and other data for the common ancestor for each KinCode element.

Just below the KinCode frame is highlighted that this Kinship (KinCode) consists of 16 elements with a summed up additive relationship of 10.1562%. Try to see what happens with this when you increase the search depth by increasing the "Generations" number in the control panel.

The function of the two bottom frames of the Kinship window is dependent on the state of the two grey buttons in the centre of the control panel:



The left button will show the KinCode in the bottom left frame and a double Ascent list in the bottom right frame as explained above. The right grey button will make the two frames function just like the two lower frames of the "Kin group" tab in the main window namely the two ascent lists that link the Proband and the Relative to their common ancestor for the selected KinCode element. The drop-list to the left of the two grey buttons may be used to select the KinCode element you wish to be expanded in the two bottom frames.

#### **Automatic calculation**

In the middle of the control panel just above the grey buttons is a checkmark named "Automatic calculation". When set, kinship is calculated automatically and if removed a new button appears next to the checkmark named "Calculate kinship" which can be used to manually start kinship calculation for the two selected persons.

The power of modern PC's makes the automatic calculation option the most convenient, only if you work with very large databases and wish to calculate kinships through many generations, it may be practical to switch to the manual calculation mode.

## Printing the KinCode

The yellow sheet button to the left of the drop-list in the control panel is used for printing and saving KinCodes or KinCode elements depending on which one of the grey buttons is activated, the "KinCode" button (left) will open a KinCode dialog and the "Elements" button (right) will open a KinCode elements dialog.

A Print KinCode dialog with options to save as HTML, to open in a browser or to print:

Kinship (	KinCode)
Proband:	Margrethe II Denmark, 74, born 1940 (x1967)
kelative:	Haraid V Norway, //, born 1937 (X1968)
Description:	cousin (son of father's father's brothers son)
senerations:	6 (3 + 3)
Add. relationship:	10.1562%
(incode	Person
Primary:	
3.08	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
9.09	Louise Denmark, 74, 1851-1926 (x1869, 3k)
Secondary:	
3.14	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
9.15	Louise Denmark, 74, 1851-1926 (x1869, 3k)
16.22	Christian IX Denmark, 87, 1818-1906 (x1842, 2k)
17.23	Louise Denmark, 81, 1817-1898 (x1842, 2k)
24.12	Oskar II Sweden & Norway, 78, 1829-1907 (x1857, 2k)
25.13	Sophie Sweden & Norway, 77, 1836-1913 (x1857, 2k)
28.20	Albert Saxe Coburg & Gotha, 42, 1819-1861 (x1840, 4k)
29.21	Victoria Great Britain & Ireland, 81, 1819-1901 (x1840, 4k)
86.24	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
37.25	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)
8.36	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
49.37	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)
8.60	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
49.61	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)
he notation of the k	inship is based on the <u>Knot System</u>

A Print KinCode element dialog with options to save as HTML, to open in a browser or to print:

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	Kinship	(KinCode element)				
		(,				
	Proband:	Margrethe II Denmark, 74, born 1940 (x1	1967)			
	Relative:	Harald V Norway, 77, born 1937 (x1968)				
	Description:	cousin (son of father's father's brothers	son)			
	KinCode element:	8.08				
	Generations:	6 (3 + 3)				
	Add. relationship:	: 1.5625% (all 10.1562%)				
	Kwartier Person	K	wartie	r Person		
	8 Frederik (x1869,	t VIII Denmark, 68, 1843-1912 3k)	8	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)		
	4 Christian	X Denmark, 76, 1870-1947 (x1898, 1k)	4	Haakon VII Norway, 85, 1872-1957 (x1896	, 1k)	
	2 Frederik	IX Denmark, 72, 1899-1972 (x1935, 1k)	2	Olav V Norway, 87, 1903-1991 (x1929, 1k)		
	1 Margreth	e II Denmark, 74, born 1940 (x1967)	1	Harald V Norway, 77, born 1937 (x1968)		
	The potetion of the k	inchin is based on the Knet System				
	© Knot System 1987	- 2015: Knud Højrup, Denemarken				
	Generated with Aldfaer	versie 6.0 2/20/2015 17:28:47 by Knud Højrup				
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PS! Unfortunately it is not yet possible to translate "Kwartier" into "Ascent list".

# Epilogue

This Aldfaer guide is made in order to help users who are not in command of Nederlands, the language of the Dutch people, and who wish to experience the many facilities of the free genealogy computer program Aldfaer including its implementation of The Knot System.

This guide is **supplied as is** with no guarantee that it will work on all iterations of the Windows operating systems.

Even though **Aldfaer** is a "Free" genealogy program it takes a lot of monetary resources to keep the development team and homepage going, so if you use Aldfaer beyond a reasonable evaluation period, you should consider donating to the **Aldfaer foundation** on this link: **andfaer.net**.

In the hope that this guide may bring help to many happy users

Knud Højrup

#### The Knot System

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