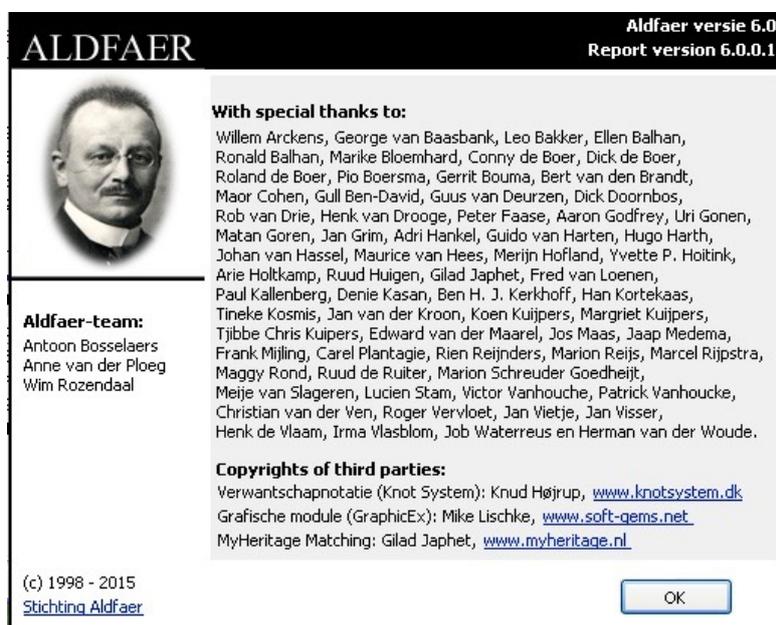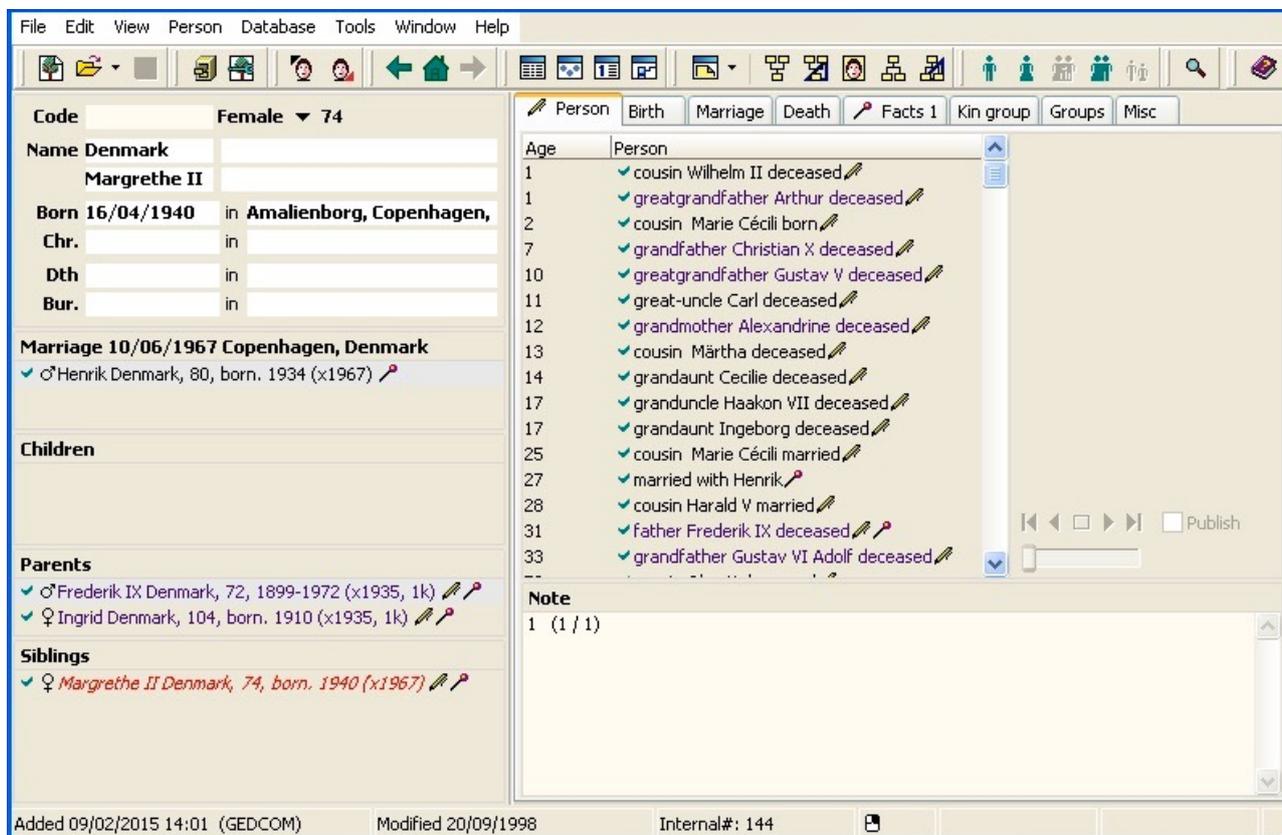# Quick Guide for
the genealogy program **Aldfaer**

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

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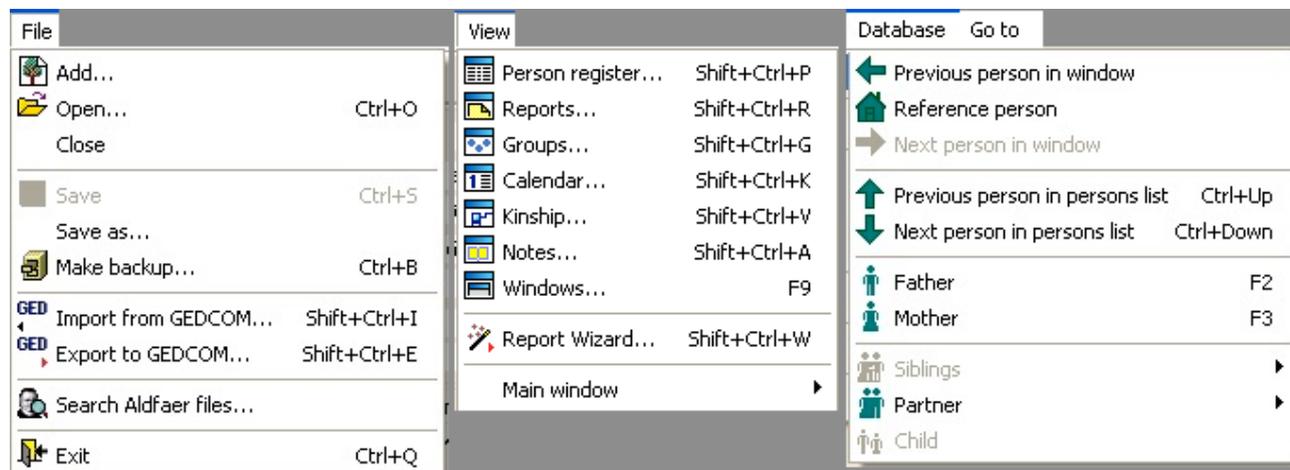
This should give you enough information to navigate the options of Aldfaer.

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™ and Record Matching technologies to match between family trees and historical records on MyHeritage and Aldfaer trees.*

> *Smart Matches™ 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:

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:

… 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:

Kin group (125)

Primary Kincode		Persoon
✔1		proband Margrethe II Denmark, 74, born. 1940 (x1967)
✔2		father Frederik IX Denmark, 72, 1899-1972 (x1935, 1k)
✔3		mother Ingrid Denmark, 104, born. 1910 (x1935, 1k)
✔4		grandfather Christian X Denmark, 76, 1870-1947 (x1898, 1k)
✔5		grandmother Alexandrine Denmark, 73, 1879-1952 (x1898, 1k)
✔6		grandfather Gustav VI Adolf Sweden, 90, 1882-1973 (x1905, x1923, 1k)
✔7		grandmother Margaret Great Britain, 38, 1882-1920 (x1905, 1k)
✔8		greatgrandfather Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
✔9		greatgrandmother Louise Denmark, 74, 1851-1926 (x1869, 3k)
✔8.02 9.03		granduncle Haakon VII Norway, 85, 1872-1957 (x1896, 1k)
✔8.02 9.03		grandaunt Ingeborg Denmark, 79, 1878-1958 (x1897, 1k)
✔8.04 9.05		cousin Olav V Norway, 87, 1903-1991 (x1929, 1k)
✔8.06 9.07		cousin Märtha Norway, 53, 1901-1954 (x1929, 1k)
✔8.08 9.09		cousin Harald V Norway, 77, born. 1937 (x1968)
✔10		greatgrandfather Friedrich Franz III Mecklenburg-Schwerin, 46, 1851-1897 (x1879, 2
✔11		greatgrandmother Anastasia Michailovna Russia, 61, 1860-1922 (x1879, 2k)

Line of relationship: cousin (son of father's father's brothers son)

Ascent list	Person	Ascent list	Person
✔8	Frederik VIII Denmark, 68, 1843-...	✔8	Frederik VIII Denmark, 68, 1843-...
✔4	Christian X Denmark, 76, 1870-1947 (x...	✔4	Haakon VII Norway, 85, 1872-1957 (...
✔2	Frederik IX Denmark, 72, 1899-1972 (...	✔2	Olav V Norway, 87, 1903-1991 (x192...
1	Margrethe II Denmark, 74, born. 1940...	1	Harald V Norway, 77, born. 1937 (x1...

Other fields shown: Name Denmark / Margrethe II; Born 16/04/1940 in Amalienborg, Copenhagen, Den; Marriage 10/06/1967 Copenhagen, Denmark; Henrik Denmark, 80, born. 1934 (x1967); Parents: Frederik IX Denmark, 72, 1899-1972 (x1935, 1k); Ingrid Denmark, 104, born. 1910 (x1935, 1k); Siblings: Margrethe II Denmark, 74, born. 1940 (x1967)

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:
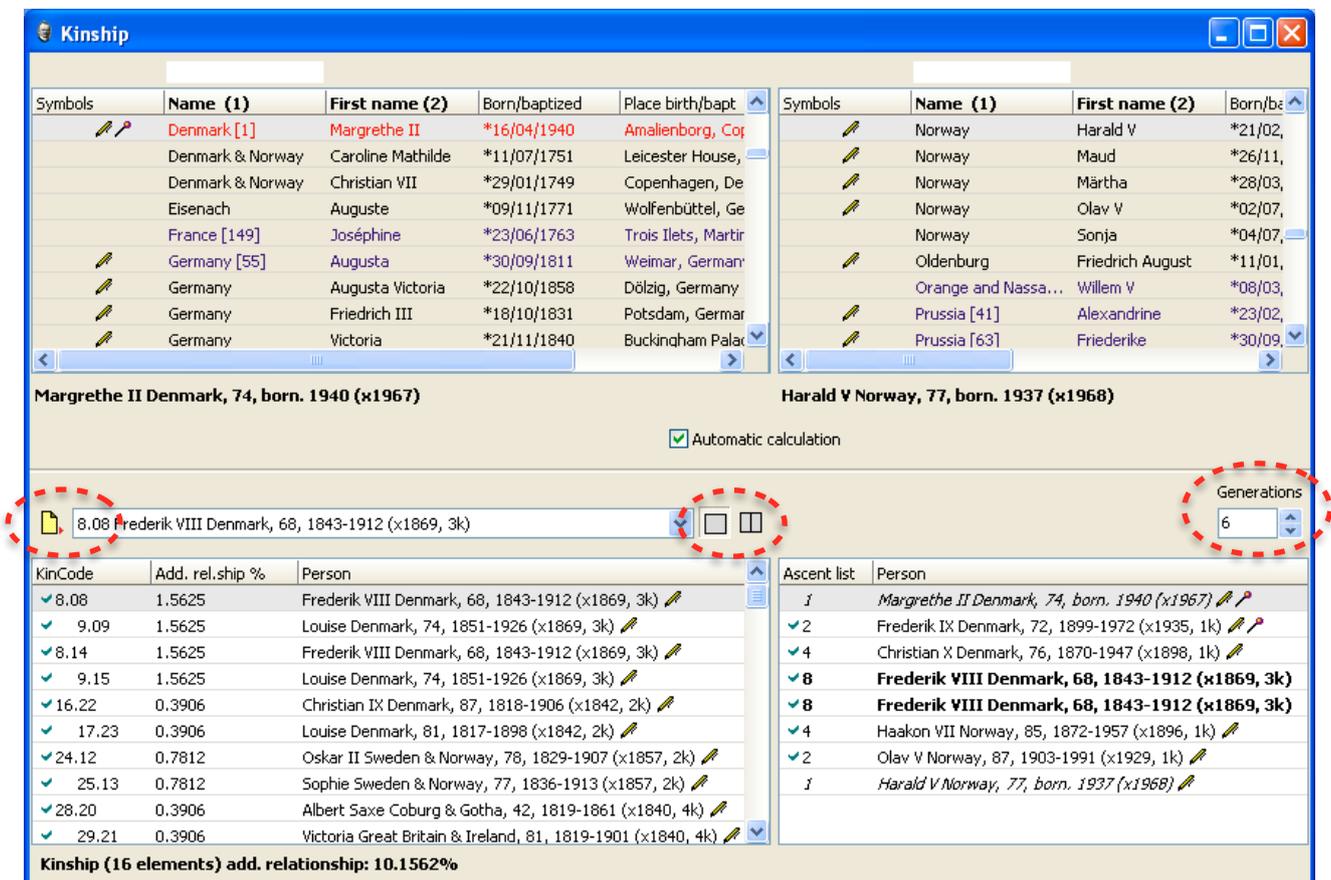
Kinship

Symbols	Name (1)	First name (2)	Born/baptized	Place birth/bapt
	Denmark [1]	Margrethe II	*16/04/1940	Amalienborg, Cop
	Denmark & Norway	Caroline Mathilde	*11/07/1751	Leicester House,
	Denmark & Norway	Christian VII	*29/01/1749	Copenhagen, De
	Eisenach	Auguste	*09/11/1771	Wolfenbüttel, Ge
	France [149]	Joséphine	*23/06/1763	Trois Ilets, Martin
	Germany [55]	Augusta	*30/09/1811	Weimar, German
	Germany	Augusta Victoria	*22/10/1858	Dölzig, Germany
	Germany	Friedrich III	*18/10/1831	Potsdam, German
	Germany	Victoria	*21/11/1840	Buckingham Palac

Symbols	Name (1)	First name (2)	Born/ba
	Norway	Harald V	*21/02,
	Norway	Maud	*26/11,
	Norway	Märtha	*28/03,
	Norway	Olav V	*02/07,
	Norway	Sonja	*04/07,
	Oldenburg	Friedrich August	*11/01,
	Orange and Nassa…	Willem V	*08/03,
	Prussia [41]	Alexandrine	*23/02,
	Prussia [63]	Friederike	*30/09,

Margrethe II Denmark, 74, born. 1940 (x1967)   Harald V Norway, 77, born. 1937 (x1968)

☑ Automatic calculation

8.08 Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k) Generations 6

KinCode	Add. rel.ship %	Person
✔8.08	1.5625	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
✔ 9.09	1.5625	Louise Denmark, 74, 1851-1926 (x1869, 3k)
✔8.14	1.5625	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
✔ 9.15	1.5625	Louise Denmark, 74, 1851-1926 (x1869, 3k)
✔16.22	0.3906	Christian IX Denmark, 87, 1818-1906 (x1842, 2k)
✔ 17.23	0.3906	Louise Denmark, 81, 1817-1898 (x1842, 2k)
✔24.12	0.7812	Oskar II Sweden & Norway, 78, 1829-1907 (x1857, 2k)
✔ 25.13	0.7812	Sophie Sweden & Norway, 77, 1836-1913 (x1857, 2k)
✔ 28.20	0.3906	Albert Saxe Coburg & Gotha, 42, 1819-1861 (x1840, 4k)
✔ 29.21	0.3906	Victoria Great Britain & Ireland, 81, 1819-1901 (x1840, 4k)

Ascent list	Person
1	Margrethe II Denmark, 74, born. 1940 (x1967)
✔2	Frederik IX Denmark, 72, 1899-1972 (x1935, 1k)
✔4	Christian X Denmark, 76, 1870-1947 (x1898, 1k)
✔8	**Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)**
✔8	**Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)**
✔4	Haakon VII Norway, 85, 1872-1957 (x1896, 1k)
✔2	Olav V Norway, 87, 1903-1991 (x1929, 1k)
1	Harald V Norway, 77, born. 1937 (x1968)

Kinship (16 elements) add. relationship: 10.1562%

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:
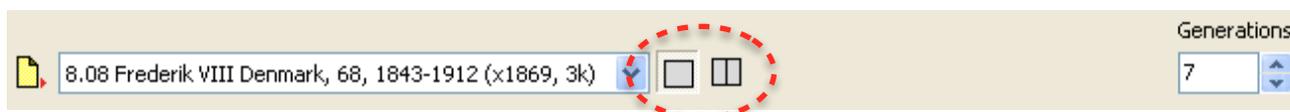
The left button will show the KinCode in the bottom left frame and a double Ascent list in the bottom right frame as explained above. The right grey button will make the two frames function just like the two lower frames of the "Kin group" tab in the main window namely the two ascent lists that link 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.

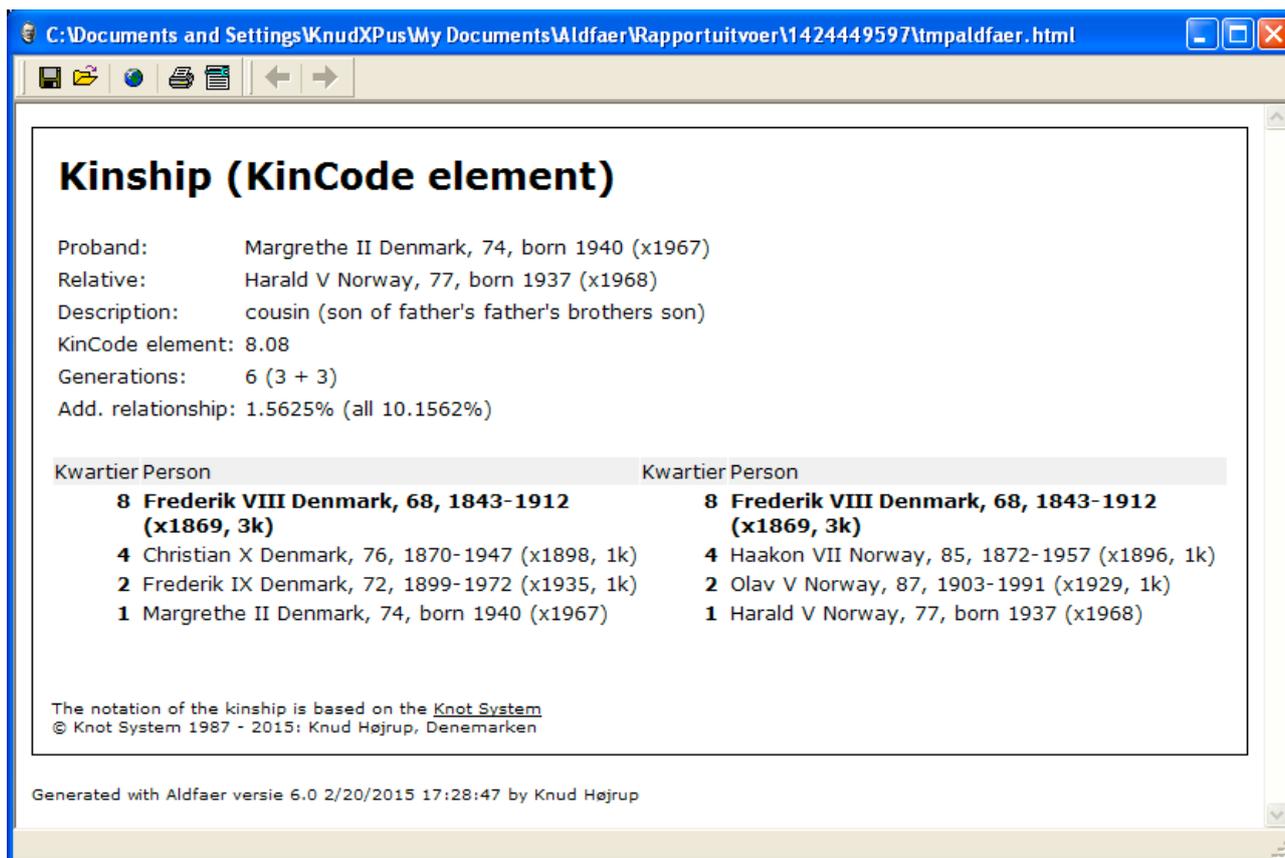A *Print KinCode* dialog with options to save as HTML, to open in a browser or to print:

```
C:\Documents and Settings\KnudXPus\My Documents\Aldfaer\Rapportuitvoer...
```

Kinship (KinCode)

Proband:	Margrethe II Denmark, 74, born 1940 (x1967)
Relative:	Harald V Norway, 77, born 1937 (x1968)
Description:	cousin (son of father's father's brothers son)
Generations:	6 (3 + 3)
Add. relationship:	10.1562%

Kincode	Person
Primary:	
8.08	Frederik VIII Denmark, 68, 1843-1912 (x1869, 3k)
9.09	Louise Denmark, 74, 1851-1926 (x1869, 3k)
Secondary:	
8.14	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)
36.24	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
37.25	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)
48.36	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
49.37	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)
48.60	Oskar I Sweden & Norway, 60, 1799-1859 (x1823, 2k)
49.61	Josephine Sweden & Norway, 69, 1807-1876 (x1823, 2k)

The notation of the kinship is based on the Knot System
© Knot System 1987 - 2015: Knud Højrup, Denemarken

Generated with Aldfaer versie 6.0 2/20/2015 17:30:01 by Knud Højrup

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


```
C:\Documents and Settings\KnudXPus\My Documents\Aldfaer\Rapportuitvoer\1424449597\tmpaldfaer.html
```

Kinship (KinCode element)

Proband:	Margrethe II Denmark, 74, born 1940 (x1967)
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	Kwartier Person
8 Frederik VIII Denmark, 68, 1843-1912 (x1869, 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 Margrethe II Denmark, 74, born 1940 (x1967)	1 Harald V Norway, 77, born 1937 (x1968)

The notation of the kinship is based on the Knot System
© Knot System 1987 - 2015: Knud Højrup, Denemarken

Generated with Aldfaer versie 6.0 2/20/2015 17:28:47 by Knud Højrup

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

PS! This document is **not** copyrighted, you are welcome to copy and distribute it.