78448a80-0

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Chapter 1

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1.1 The Note Genie

```
                        Welcome to the ProPage NoteGenie
           --------------------------------
           Version 1.2


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             Please be patience with me, because of my bad english - I'm a  ←
                 german man.
       I'll try to make me understandable.
```

1.2 Preface

```
                            !!!!!!!!!! ATTENTION !!!!!!!!!!

     This is a genie for ProPage and not one of that notenotationsprograms
       of high quality, there are somes of other computer systems. Don't
                           wait for a miracle :)

     Some times ago
               I
                 started writing notes
```

```
                    with~the~help~of~ProPage4
                       . That
```
was a big big work, because every note have it's own box. So I thought,
you have a computer. Why can he not make all the fine work? ProPage has
this very nice ARexx-Port for genies. It shall be possible to write a
Genie that makes the job better and faster as by hand.

I've done it ... Here is the result.

Wy there are some files ?

1. The maximal dimension of ARexx-files are not any, so I've splitted
    the whole in some parts

2. Because of the splitting, all is now more clear, and so also
    modular.
    If anyboby want to write additions, he can write it as a modul
    that will be called at the right place in a other module, like
    I've done.

3. For quarter, eighth, and sixteenth pauses are nothing in the
    Notesfont, that I've insert in the pocket, so I've drawn them and
    saved them as iff-files in the directory note-pause.

In this time I've made a limit, to make the whole not so complex:

Noteworth: whole notes up to sixteenth notes

Violinkey: e2 - f#5
                       (c3 is the middle C in the staff, at bottom of
                       the violinsystem with one helpline or at top of
                       the basssystem with one helpline.)

Basskey: c1 - g#3

1.3 Disclaimer

I declare this genie with all its part as freeware. That means, you can
copy it and give it away with no limits, but only if you don't make
profit.

The copyright will stay by me. But you can alter the genie (additions
or substractions) like you want. Then you should make a notice that I'm
the first autor ... or so ...

However, if any damage arises from the use of the genie, I will not be
held liable.

Use it on your own risk !!!!!!

(I don't now, if it is possible to damage anything with this genie. But
nothing is impossible .... ;-))

By this reason it is very important for you, the user, to learn first
so much as necessary for using this genie (like by all programms).

Have fun .... :D !!

1.4 Installation

                   The installation is easy but not like child's play. I've not ←
                     made a
installer script. I mean it's not necessary.

In the best way use a program like, DOpus or Filer or DirWorks ..
But it will be also possible with the shell ...

copy ...

1. Copy the Font "Noten" with his three files in the CGFonts:
   directory. This is where all the CGFonts for ProPage are placed.
   If you have not the "Times" font yet, put it also at the same place.
   The Times-font the genie use for the haedline.
   Then start the little program "CGUpdate", so ProPage will find the
   new fonts.
   If you will use another font for the haedline, not "Times", pleace
   alter the line 62 in the File "Notes.pprx".

   . . .
    select
       when neu == "j" then
            do
            sicher =
            call ppm_New()
            call ppm_SetUnits(2)
            call ppm_SetMagMode(200)
            call ppm_SetFont('(CG)Times') <- alter here ("(CG)" must
            pgnm = ppm_CreatePage(1, 1, 0)   be)
            call ppm_SetPageType(pgnm, 4)
   . . .

2. Copy all 5 geniefiles in that directory, where are the genies for
   ProPage are placed. DON'T ALTER THE NAMES !!!

   That are: Basskey.file
             Basskey.rexx
             Notes.pprx
             Violinkey.file
             Violinkey.rexx

3. The directory "note_pause" must placed in the genie-directory as a
   subdirectory.

4. The file "
            AssignNotePrint
            " is important for the genie. There will be
   assigned:
   a) where the directory of the Notefiles ("Notes:") and
   b) where the directory of the genies ("Genies:") is placed.

```
     Pleace load the file in a editor (like ed or AE from ProPage), and
     alter the path for your directories.
     After that save it to the C: directory.
```

5. ARexx shall be running for the use of the Genies.
   Then start ProPage pleace and klick on the genie-button (the littele
   lamp) and "Import" the Genie.
   (In the list, you will only see the Notes.pprx, because the
   requester won't show files with other endings. (This is the reason,
   wy I have given the files different endings.)

So, if you have done this, you can start the Genie, it is not necessary
to restart the computer.

1.5   autor

My name is Alfred Faust. Since one year ago I'm a pensioner of illness.
Before I was a church-musician an later a pastor of the
Evangelic.-Lutherian Church of Thuringia in Germay.

You can reach me by:

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or by

e-mail: j.k.dax@t-online.de

1.6   How to use the Genie

```
               If you start the genie (I have a key-combination for this),  ←
                  you will
fast now how it works.
I have written it, that it works like a talk with a man.
There are some messages, that appears in the title line of ProPage.
Look also there pleace.


                    A remark before:

! All, what you see on the screen during using the genie is editable. !
! All notes or signs, lines or other, have each own box.              !
! Don't worry, if there is anywhere an error – all is reparable ...:) !

Now I explain all the steps you will do in the genie:

1.
```

```
                   New~begin
                       2.
                   Draw~Notelines

                   Choose~of~the~notesystems

                   Accidentals

                   Time

                   Violin-~or~Basskey
                           (here the genie will branch in two ways: manual or  ↩
                              automatic)
          Manual means, you will type your parameters in a
                   requester
                    by hand.
          Automatic means, you will write a
                   notefile
                    and call this in the
          genie. The genie reads it and generate the notes "automatical".


  manual:                                      automatic:

  3.
                   repetition~of~the~notesystem
                       4.
                   smallest~note~distance~
                              4.
                   smallest~note~distance
                       5.
                   manual~or~align~to~box
                           5.
                   notefile~or~break
                       6.
                   type~parameters~in~~a~requester
                       6.
                   choose~the~notescriptfile
                      If there occures an error, the genie will not react or give you ↩
                         an error
  message.
  So you can try it again.
  At some places you can break the genie.
```

1.7 New begin

```
  yes     = y + ENTER

  no      = n + ENTER

  nothing = Enter

  At the first beginning answer this question always with "y". ProPage
  will create a new project with a page in A4 format.
```

```
                       !!!!! CAUTION !!!!!
     ALL (!!), WHAT YOU HAVE DONE BEFORE WILL BE LOST WITHOUT
                           A WARNING.
```

That will only happend, if you type in a "y".

If you will work away on a project you have done before, then type in a "n". The genie will skip this part.
If you will break, don't giv in anywhat – only ENTER.

If you want create a new page, then create a new page with "Create-from default" in the "Page"-menu. Then go to the new page, and start the genie.

Answer the question "newbegin" with "n" (no) and the question "notelines" with "y" (yes).

DON'T ANSWER IN THIS CASE THE QUESTION TO "NEWBEGIN" WITH "Y" !!!!
THIS WILL DELETE ALL, YOU HAVE DONE BEFORE !!!!!

1.8   Draw notelines or not

yes = y + ENTER or only ENTER

no   = n + ENTER

You will be ask, if the genie shall draw notelines.

It is possible, that you wonder at the question if notelines should be drawn – notlines are always neccessary – you will say.
But, if you will work away on a project you have began earlyer, you can skip drawing notelines.

1.9   accidentals

            The accidentials are given in like you will say it:

        means:

1 #   one sharp
2 b   two be

You can give in up to 6 # or 6 b. Only ENTER means no accidentals.
(Or work away ...)

If you have always drawn accidentals in a project before (and will work away) and give here the accidentals once again, the genie put the # or b once again on the same place, so you can think, there was nothing happens, but there will be so much boxes more on the project, how much accidentals are drawn. The refresh of the screen unneccessary will be slown down in the result.

```
But don't worry ... all is reparable ...  :)

A remark:

Between the first and the second sign, you type in, MUST BE ONE (!)
space.

This rule is for all cases of type in parameters (also for
            notefiles
            )
(Exception: the parameter for the
            notesystem
            -choice)

example:

wrong  : 1b   oder   1   b

right  :            1 b
                     |
                     |
                 one space
```

1.10 NB

```
What I now is, that there is no DTP-Programm for Notesheets on the
AMIGA in this time on the market.
```

```
There was ones, but the quality of the ProPage with the outline-font,
it has not reached. I think it isn't more on the market.
```

```
Bars&Pipes has also a possibility of noteprinting, but a bad quality
and in some cases wrong notation.
```

1.11 Time signature

```
Typeing in the time is like by the accidentals.
```

```
Please don't forget, what I've written about the space between the
parameters.
```

```
example:
          means
4 4       4/4 - time

6 8       6/8 - time

3 4       3/4 - time
```

```
This will be drawn at the begin of the first staff after the
accidentals.
```

```
Only ENTER means no time or work away ...
```

1.12 Violin- or Basskey

```
                In the normal way you give in the notes part by part.

The genie must now where you will draw the notes in the violin- or
basskeysystem, because of the different places of the notes.

Violinkey = v
Basskey   = b

The genie don't react if you type in any other.

There is also the possibility to branch at this place.
If no 3.parameter is given, you will branch in the manual way.

If you give as 3.parameter a "f", you can call a
          notefile
          , you had
written before and let it work automatical.

This way is at the end faster. Because the screen will be refreshed
only at the end of the work.
If you have deleted all by mistake at the beginning (
          new~begin
          ) you can
get back in this case all fast and exact.

I use this way, if I write only instrumental music.
```

1.13 Smallest note distance

```
This parameter defined the distance of the notes on the sheet. You can
save room and in some cases all will look better.

If you want to write a peace with quarter-notes as smallest noteworth,
the distance between the notes can be smaller as if you have also
eighth or sixteenth notes.

The genie uses fix distances in the whole sheet, so they are always fit
together.

example:

(here is o = hollow notehead  and * = filled notenhead)


  |               |
o|             o|

  |       |       |        |
*|      *|      *|       *|
```

```
 |)  |)  |)  |)  |)  |)  |)
*|  *|  *|  *|  *|  *|  *|


 |      |)  |        |
*|     *|  *|       *|.    (the point after a note is possible)
```

This will show vage, what I mean.

With this parameter you define the measure of the smallest
note-distance.

The rule is, what you want ... ;-)

1.14   Give in a requester (manually)

                   If you are on this point, you are on the most important place. ↩
                   Here you
give in what the genie shall write in the notesystem.

How you give in the Requester you can see
          here.
           <--

You see a little pointer above the place, the next note or sign will be
appear on the screen after ENTER.
It helps you, it's like the cursor in a textprogramm, and it will be
deletet when you finish your give in. (It have also a own box. If an
error occurs and it isn't deletet you can delete it by hand.)

You finish by give in nothing and ENTER.

1.15   manual or align to a box

You can begin your work on a place of your choice, or with the place of
a existing box (note or other sign).

```
manuell       = m
align to box  = b
```

All other the genie will ignore.

The Genie will then say you, what you have to do as next.

manuell: In all cases at the begin of your work

align to box: In the case you will work away, and you will work in exact
              aligning to the other notes, choose this.
              Give as first a space and the worth of the note or sign
              the pointer stays above, then the pointer will jump to the
              place for the first note.

1.16   Choose a notefile or break

```
It is easy – must I explain ?

If you won't break you can also simple ENTER.
```

1.17   Notescriptfile requester

```
              Now appears a requester, and prompt with the directory you had ←↩
                 assigned
to the directory "Notes:" in the "
         AssignNotePrint
         "-file.

Like in all other Filerequesters you can choose your files in other
directories.

Choose a
         notefile
          and the genie will prompt (at the headline) "OK, I'm
working ..."
```

1.18   all commands

```
              Now the core of all. How to give the commands for the genie.

I've made some shortcuts, to save time. They are the same in the

         requester
          or in the
         notefiles
         . Only there are some special rules.

Like on other places you give in like a dictation.

example:

h c#3  =   halve Cis3
q f2 n =   quarter f2 natural (sign)
p 2    =   pause halve

In the requester you can give in up to three arguments, in the
notefiles are ALWAYS three arguments for one sign.

Think to the
         space
          between the arguments please!

1. argument
-----------

w = whole note
```

```
h = halve note
q = quarter note
e = eighth note
s = sixteenth note

p = pause (needs as 2.argument worth)

c = space (Space, only a jump - or a space; needs as 2.argument the
            worth. Is on that place a barline the worth = l)

d = delete (delete the sign before the pointer, like backspace. You
              can also delete helplines or other signs with d.
                - You can delete only up to that sign you have give in
                  first after the question "manual or align to box". - )

pt= piont (needs as 2.argument worth)

l = barline (no 2.argument)

j = jump to the begin (only for notefiles)

new = you can define a new position of the pointer (only for the

            requester
            )

end = end (only for
            notefiles
            )

(only for the choice of the
            notesystems
            )
2   = double notesystem with 2 different notekeys
1v  = single notesystem with violinkeys
1b  = single notesystem with basskeys

2.argument
----------

notename

    in Basskey: c1 - g#3
    in Violinkey: e2 - c5

    You give the notename in without the accidentals at the begin, like
    you will see them on the sheet.

    example:
    in G-maj the fis: give in a f because there is no accidental in the
                      notetext

    Shall a accidental stay direkt in the notetext you must give in
    that.

    example:
    F#3 = fis 3   ( f with a sharp before)
```

```
    db3 = des 3   ( d with a b before)

 worth

    1  =  whole        -
    2  =  halve        |
    4  =  quarter      |- worth with p, c oder pt
    8  =  eighth       |
   16  =  sixteenth    -

 l   =  barline (worth with c - space)

3.argument
----------


n  = natural sign (if there shall be a natural singn before the note
                   can be in upper or lower case)

example:
q g3 n    (if there was before a g#3, and now it shall be a g3)


          - - - - - - - - - - - - - - - - - - - - - - - - - -


If the notestem (I don't now if this is the word of the little line on
the notehead)
                  |
                  | <- this I mean
                0|

shall be printed to top, then give the worth and the notename (1. &
2.argument) in lower case.

example:
q a3
h g2
s f#3   and so on ...

Shall the notestem be printed to bottom, then give the worth and the
notename (1. & 2.argument) in upper case.

(For this I use the capslock, because only the letters and not the sign
are will be changed.)

example:
 Q A3
 H G2
 S F#3  and so on ...

If you give in a point after a note (pt or PT) the genie also waits for
the worth for that point. It is alway the the halve of the worth of the
note it stays after.
Lower or upper case ? - Like the note before.

example:

1.give in: h g3    <-- after that shall be a point
2.give in: pk 4    (halve of a halve is a quarter - 4 )
```

Because the first give in was in lower case, the second give in MUST
also in lower case. In the other way the genie put the point on the
wrong place.

!!!!!!!!!!!!! CAUTION !!!!!!!!!!!!!

1. If you want to delete (d) a point after a note, you must delete also
   the note before. In the other way you leave the given note distance,
   and the notes appears later on the wrong place.

2. If you want to delete a note with natural sign, then you have to
   delete also the note before, because of the same reason I've just
   explained.

1.19   How to make a notefile

For that files are some extra rules. The shortcuts are the same like in
the give in the requester.
Start for this a texteditor like ed or GoldED or SkoED or DME or AE
(Article Editor of ProPage) or or ....

Here the extra rules:

1. The first sign of a line is ALWAYS a space.

2. There MUST BE ALWAYS three arguments. Is a argument not in use, type
   at this place a "0".

3. The end of the file is always "end 0 0". Only in that way we can say
   the genie, that the end is reached.

example:

```
(space at the beginning of all lines)

h d#3 0    (Halve Dis 3 notestem to top)
q e3 0
e d3 n     (Eighth d 3 with natural sign)
q c3 0
p 2 0      (Halve pause)
j 0 0      (Jump to the begin of the first line)
Q G4 0     (Quarter G 4 notestem to bottom)
l 0 0      (barline)
end 0 0    (end)
```

My comments must be deleted. It shall look like this:

```
h d#3 0
q e3 0
e d3 n
q c3 0
p 2 0
j 0 0
```

```
Q G4 0
k 0 0
end 0 0
```

The use of the delete command (d) is nonsence in this files.

With the line
```
j 0 0
```
you can jump to the begin.

So you can insert more then one part. But they must be in the same notekey
system. Because the notation of Violinkey and Basskey are different. After
that save your work with a clear name that shows clear in wich system it
shall be used (Violin- or Basskey).
Save the files in the directory, you have assigned to "Notes:" in

"AssignNotePrint".

example:

```
    Notes:MySongViolin
  or Notes:MySongBass
```

If you later let the genie work on that files, and a error is in the file,
it breaks with an error message. It stops at that place where the error
is. So you can easy and exact see, search for it in the notefile and
correct the error.

1.20   What you need for the genie

First you need a complet installed system of ProPage4.0. This program
is for the semiprofessional use first choise.

I now Pagestream3.x is in some parts better, and has some function,
that are not in ProPage. But ProPage4.0 ist easier in use and much
cheaper then Pagestream3.x. The CU-AMIGA-Magazin has given this program
with his cover CD 11.

ARexx must be running, or the genies won't work.

You must now how to handle and write notes. ;-)

Last not least: Much patience to learn all for use of such a komplex
                genie.
                The result is near the professional printed Notesheets.

          HAVE FUN ..... :D

1.21   Make the file

This File is absolut necessary and you will not have much trouble to
write it.

Start a texteditor and load this file and alter the pathes.
The file have only 2 lines, they gives the genie the path for:

1. the notefiles
2. the pausefiles
3. the other files of the Genie.

It shall look like this:

assign Notes: dh0:DTP/ProPage4/Daten/Notefiles
assign Genies: dh0:DTP/ProPage4/ARexx

```
                    |                               |
                    --------------------------------
                  Here you must insert your paths
```

Save the file in the C: directory where all the CLI-commands are
placed. There the genie will search this file.
Without this file the genie won't work.

1.22   History

Version 1.0 (January 1999)
- first release

Version 1.1. (2.2.99)
-some errors removed in the #?.files
-notationsrule for the "notefiles" altered
 (in the case of - "n" - natural sign
  like the other in one line)

Version 1.2 (10.2.99)
-removed a error if givein is a b-accidental (example:"AB3")
-simplified the routine for accidentals
-added the possibility of writing single notelines with one
 notekey
-multiple questions at the beginning collected in one requester
-expanded the range of the violinkey

1.23   Choose of the notesystems

This is a new feature since version 1.2

Here you can choose if you want:

-double notelinesystem with 2 different notekeys(violin & basskey)
-single notelines with violinkeys
-single notelines with basskeys

```
Here you give in

2   for double notelines
1v  for single notelines with violinkeys
1b  for single notelines with basskeys

!!!!! HERE IS NO SPACE BETWEEN THE FIRST AND SECOND SIGN LIKE ON OTHER
PLACES !!!!!

If no notelines shall be drawn, this input will be ignored.
```

1.24   Repetition of the choice of the notesystem

```
What is this good for ?

That is a disadvantage of the modular system of this genie.
The parts will be called by DOS. So I can't give parameters or
information away. Thats the reason, why the genie ask you a second time
for the choice of the notesystems.

Oh, panic .... what had I given in .... ?

Don't worry.

You just will see at the screen, what you had choosen:

You see                            you give in

two systems with two notekeys      2
one system with violinkey          1v
one system with basskey            1b

It's easy ... isn't it ?
```