Contents:

See also : "**Skalc Reference Manual**" for components description, technicals and more detailed information.
See also : "**READ_ME.txt**" for installation, history and license

Short description:

Skalc is a complete program computing **skating scores** using the new **OBO** (One By One) Method defined by the ISU (International Skating Union) on a **PalmPilot** organiser.

This program is designed to give you :
- two part competition with final rank using definable factors
- real time scoring with your favourite skater always displayed on top of the data entry screen.
- 3 to 9 judges with predominance of technical or artistic mark
- five separate lists give you sequence order, part rank and final rank
- 9 types of reports
- capability to use qualification rank with definable factors for final result

Quick start:

Before the competition

Before the competition you need to prepare the's names. You can directly type the names using the Palm NotePad or prepare this information using your PC (using some archived competition, getting the names on the Contest WEB site, or typing the list in your favourite editor).

The format of the memo is :
- the first line is the Competition name and the Category name separate by a ":"
- other lines are Skater names (you can use first name, second name or both as you like)

Restriction : if you use the demonstration(Unregistered) version, the Competition name is fixed to "**Skating**" and the Category to "**Demo**" !

Then start the Skalc program and load the data with the load Button in the "Param" Screen :

If this is the first time you load this contest, check carefully all the parameters on the "Param" Screen.

Warning : if one of these parameters are not in accordance with the real parameters the results may be wrong !

You can now also define the skater you like to view during whole competition.
Restriction : this is not available on demonstration(Unregistered) version !
Restriction : if you use the Personal version, this Skater name is fixed when you order your licence key !

During the random sequence determination, you can type the starting number using the "List" Screen :

When finished, you can sort the skaters using the "Order" Button :

Warning : validate that your order is right compared to the official sequence noted by other people !
Tips : if you need to correct some sequence data, you must reselect the current part on the "Param" Screen before to do this.

During the competition

When the competition begins, you do the data entry for each skater in the "Mark" Screen. You can type only the numbers without "." or space but type all the 0. When data is entered just press the "OK" Button. If some Marks are wrong you can just correct them and press the "OK" Button.

You go to the next skater using the ">" button. If you have typed some marks, this button doesn't do anything before you use the "OK" button. When you correct some marks, the ">" and "<" used without "OK" validation don't modify the current mark !

Warning : double check each time the marks with the marks noted by other people.
Warning : check each time that the next skater is according to the sequence you have entered !

When your skaters mark is entered, it is displayed on the top of the "Mark" Screen with an indication of the estimated result. Two pairs of numbers indicate that a group of skaters are in the same WIN group and can interchange their rank.

Save the data periodically, for example during the next warming-up session, using the "Save" Button in the "Param" Screen.
You can also see the list of skaters using "Order" Button or "Rank" Button of he "List" Screen :

Preparing the second part

If this category has two parts, select "2nd part" on the "Param" Screen and type the sequence order as for the first part. To help you, the skaters are ordered with their 1rst part ranking.

During the competition

Do exactly the same process as the first part. You can than display also the final rank using the "Final" Button in the "List" Screen :

Warning : check than the right part factor (0.5 and 1.0) are used for this competition !

Qualification influence

If the rank of the qualification influence the final Rank, you can type them using the PalmMemo editor. Each time you save the data, a new memo "Competition:Category(WORK)" is created. Skalc always load the last one. You need just to modify the last memo for this Competition and put the Qualification factor in the second field of the second line (0.0) and the qualification rank of each skater in the second field (0) of each line.

Warning : save two time the data before doing this modification !

Reports

An **individual summary report** is available using the "Print" Button on the "Param" Screen.

Example :

```
CR:minimes(Aeberhard Aurelie)

Part Nr 1 : ( started 6 / 18 )
T=  3.9    3.4    3.7    3.6    3.6
A=  4.0    3.1    3.9    3.7    3.4
R=   3      15      3      11      13
WIN=9       JIF=45              Rank=8

Part Nr 2 : ( started 8 / 18 )
T=  3.6    3.5    3.6    3.7    3.7
A=  3.7    3.7    3.7    3.7    3.8
R=   3      3      3      3      3
WIN=15     JIF=75               Rank=3

Final :
Points=7.0  Rank=5
```

Restriction : this is not available on demonstration(Unregistered) version !

The "Report" Screen give to users of the "Club" version some more reports :

- **Part 1 sequence order**
- **Part 1 results**
- **Part 1 detailed marks**
- **Part 2 sequence order**
- **Part 2 results**
- **Part 2 detailed marks**
- **Final results**
- **All individual summary report**
- **Parameter protocol**

All these reports are written to Palm memos. You can consult them using Palm memo editor, but it is better to use a Word processing or Spread sheet on your PC to give you a better appearance.

Examples :

```
CR:minimes(rank part 1)

Seq:              Name:            Rank:    Win/Jif:   Points:
7                 Hauert Sylvie    1        17/74      0.5
17                Silberer Noémie  2        16/75      1.0
4                 Rodrigez Diana   3        15/72      1.5
14                Bolay Claire     4        14/70      2.0
3                 Mizuno Sayaka    5        13/63      2.5
. . .
```

```
CR:minimes(rank part 2 - detailled)

Seq: Name:              Rank: Technical:            Artistic:             JugeRank:      Win/Jif:
15   Silberer Noémie    1     3.9 3.8 3.7 3.9 3.9   4.0 3.9 3.7 4.0 4.2   1 2 2 1 1      17/83
14   Mizuno Sayaka      2     3.6 3.7 3.6 3.8 3.7   3.9 4.0 3.8 3.8 3.9   2 1 1 2 2      16/82
8    Aeberhard Aurelie  3     3.6 3.5 3.6 3.7 3.7   3.7 3.7 3.7 3.7 3.8   3 3 3 3 3      15/75
13   Hauert Sylvie      4     3.4 3.4 3.4 3.6 3.5   3.6 3.6 3.4 3.5 3.7   4 5 9 5 4      14/63
16   Rodrigez Diana     5     3.4 3.4 3.5 3.4 3.6   3.6 3.2 3.4 3.6 3.6   4 12 7 6 5     13/56
9    Pomorski Maroussia 6     3.3 3.4 3.3 3.5 3.5   3.1 3.6 3.5 3.6 3.6   14 5 8 4 6     12/53
. . .
```

```
CR:minimes(final rank)

Name:                 FinalRank: Points:   Rank1:   Points:   Rank2:   Points:
Silberer Noémie       1          2.0       2        1.0       1        1.0
Mizuno Sayaka         2          4.5       5        2.5       2        2.0
Hauert Sylvie         3          4.5       1        0.5       4        4.0
Rodrigez Diana        4          6.5       3        1.5       5        5.0
Aeberhard Aurelie     5          7.0       8        4.0       3        3.0
Pomorski Maroussia    6          9.5       7        3.5       6        6.0
. . .
```

FAQ, tips and tricks

Are the results always right?

➔ The results are usually right but some factors can give some wrong results :

- the Technical or Artistic prevail in not in accordance with the real competition

- one or more marks are wrong

- you misunderstood the speaker

- the part factor is wrong

- the official team made an error (some time happens !)

- a bug occurs in the program (if it occurs, we are interested in all information about it)

FOR THESE REASONS, ALWAYS INFORM THE SKATERS THAT THE RESULTS ARE UNCERTAIN !

Why, when I save the same competition and category Skalc creates a new memo?

➔ During a competition all people are under stress. An error can quickly occurs. For this reason, its better to save each time a new memo and do the housekeeping after the competition. The most accurate information is in the last memo with the same name.

Entering the marks on the Palm is slower than speaker information!

➔ You can type only the numbers (with all the zeroes) and the Skalc program translates them to the right values, but often the speaker speaks very quickly. It is always recommended to write the result on paper and double check the data.

I have mistyped the sequence, how to correct it?

➔ Reselect the current part in the Param screen, go to the List screen and correct it. Due to the fact that the sequence must be unique, when you correct a number another can automatically change ! Check the whole sequence after modification.

How to suppress a missing competitor?

➔ The best way is to edit the memo before loading the data (before the random sequence attribution, all the skaters are queried for presence, licence, music,…)

➔ After loading, you can carefully edit the (WORK) memo, suppress the competitor and renumber all the other skaters. Before, it is a good idea to save the data twice and edit only the last one.

➔ You can also ignore them, but WIN/JIF will be shifted for everybody by the same offset.

What is the order of the competitors when entering the sequence?

➔ For the first part this is the order you type them into the memo (usually according to the official list). For the second part this is the Rank1 order. With this order it is easy to type the random sequence number as they are known. But it is also a good idea to write them on paper.

How to manage a competition where the qualification influences the final rank?

➔ You can edit the (WORK) memo and give :

- the qualification factor in the second field of the second line (actually 0.0)

- the qualification rank for each skater in the second field of each line (actually 0)

Can I use this program if the marks are between 0 an 10 ?

➔ Probably yes, but test carefully with previous competitions before using it live !

➔ the only problem is that you can't type the 10.0 (but who obtains 10.0 ?)

The program did not find my skater!

➔ the name in the param field or the name in your skater list are not matching

➔ the name in the param field must be in the same case (upper / lower) than in your skater list

➔ the name with accents (European names) does not work

➔ for the personal version, the name is not in accordance with your licence key

Available versions and how to register

Demonstration version:

➔ This program for demonstration

- cost : **free**
- limitations
  . Competition fixed to "Skating"
  . Category fixed to "Demo"
  . Competitor (My skater) fixed to "unregistered"
  . No report

Personal version:

➔ The full program for your usage

- cost : **20 $**
- limitations
    . Competitor (My skater) fixed to only one name(Fixed when you order the licence)
        (use your family name first if you have more than one skater in
        the same family)
    . Only personal reporting

Club version:

➔ The full program for team usage

- cost : **50 $** (for multiple Palm usage ask us)
- features :
    . No skater name limitations
  . Full reporting capability

registration, download and help:

Use our Skating WEB pages: http://www.a2m2.ch/fred/skating

Skalc, a PalmPilot OBO skating score calculator