SOLARSS USER ISTRUCTION

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Wath is Solarss:

It is an educational software that allows you to have the measures to scale the size of the solar system planets and the distances from the sun . You can use different units to create their own custom template .

Hardware and Operating System requirements

PC with 500 MHz CPU, 256 MB memory, running 32 bit Windows 2000, XP, Vista or Windows 7/8 required PC with 2 GHz CPU, 2 GB memory, running Windows Windows 7 recommended in some cases it is necessary the RunTime Microsoft Visual C++ 2008 Redistributable Package download to: https://www.microsoft.com/it-it/download/details.aspx?id=29

Author

Gianpaolo Pizzetti

The Italian amateur astronomer (b. 1961) is active in the development of astronomical software. He is part of the observational staff at the Serafino Zani astronomical observatory, where he leads the technology and computer section.

User Istrution

When starting the program presents the measures in scale 1:1 with dimensions expressed in km. and distances in U.A. (1 U.A has a corresponding to the average Earth-Sun distance)

You can now customize this scale in various ways: directly changing the scale

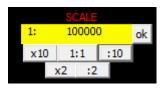
SCALE

1: 1 ok

x10 1:1 :10

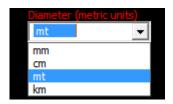
x2 :2

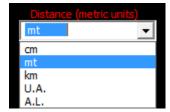
example clicking several times button :10 until when scale = 1:100000



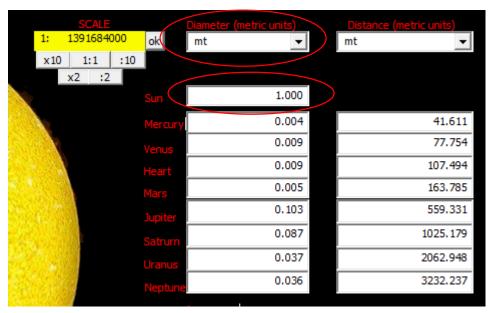
or you may want to have a scale model in which a plant or the sun has a defined size , for example, if the Sun is represented as a ball of 1 meter in diameter and wanted to know all other measures you could do this:

changed the unit of measurement of the dimensions and distances putting " mt "





Then put the value 1 in the size of the sun and we immediately all other values scale both for its size and for the distances



The same procedure applies to any value we want to take as a reference, so for example if we want to have Jupiter - Sun distance equal to 1 km will put the unit of measurement of distances in kilometers and then write the values of the distances of Jupiter-Sun = 1 here is the result

