Quick Guide for
Ringing Tone Converter
Version 1.2

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1. FOREWORD

Nokia 9000i Communicator and Nokia 9110 Communicator support downloading ringing tones from the WWW. In order to work in the Nokia 9000i and Nokia 9110 Communicators the ringing tones have to be in a certain format in the Web server.

The correct MIME type is "application/vnd.nokia.ringing-tones". The Nokia 9110 Communicator additionally supports "application/vnd.nokia.ringing-tone" and "application/ringing-tone" MIME types.

When ringing tone files are transferred from the Nokia communicator to a PC, the files will get the extension .0*. These ringing tone files have a geos header information at the beginning of the file. The actual ringing tone data comes after the header.

However, in order to work in the Nokia 9000i and 9110 Communicators ringing tone files should only have the ringing tone data when downloaded from the Web server.

This PC-software, called Ringing Tone Converter, was created to automate the process of changing the tones to the proper format for downloading.

2. SUPPORTED OPERATING SYSTEMS

The following operating systems are supported:
- DOS
- Linux (Unix)
- OS/2
- Windows NT, 95, 98.

3. BEFORE USING

Copy the proper (depending on your PC's operating system) exe-file and doall.bat to your PC. Name the exe-file as "geostone.exe".

NOTE: In Linux the file-name is "geostone" and "doall.bat" is not needed. Also remember "chmod 755 geostone".
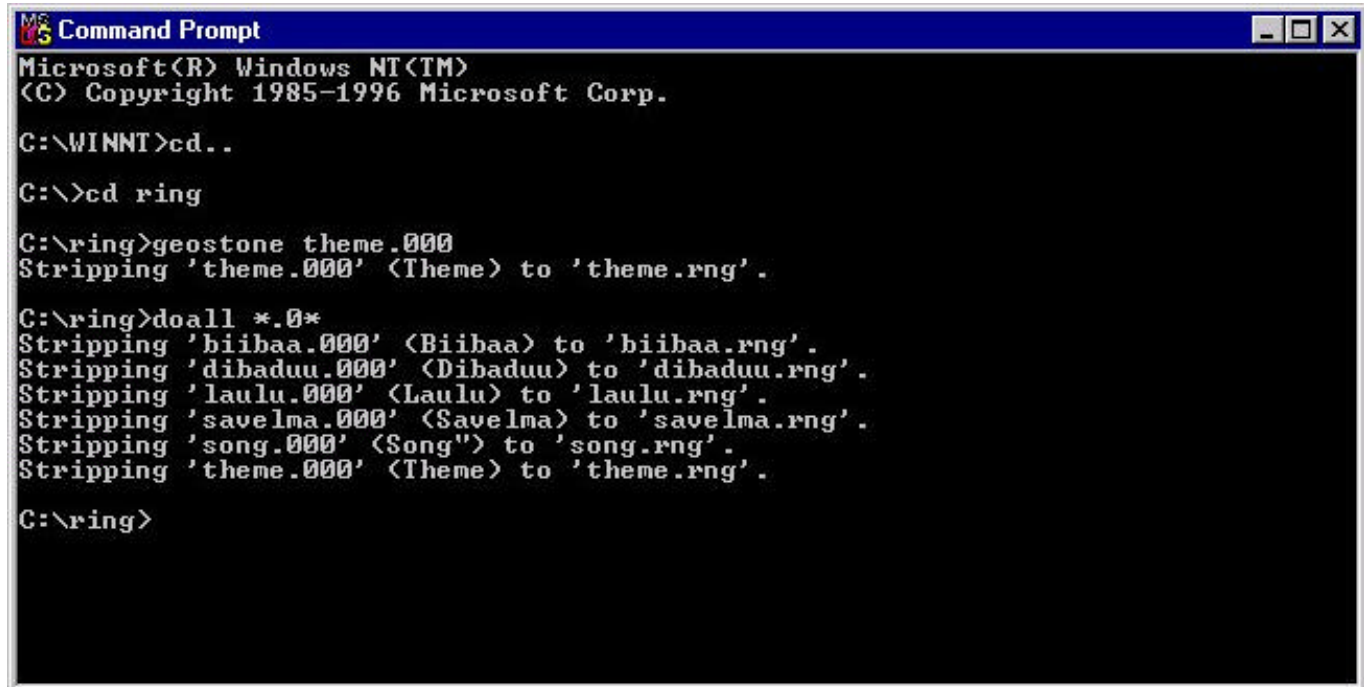
4. HOW TO USE

Copy all the ringing tone files that you want to convert to the same directory where the Ringing Tone Converter software is. Then start the exe-file. A dos window will come up. Enter the folder where the converter software and the ringing tones are (e.g. C:\ring).

There are two ways to use the Ringing Tone Converter. Write:

1) "doall *.0*" ("geostone*.0" in Linux). This converts all the ringing tones in the current folder.

2) "geostone tone.000". This converts the tone specified in the command.

The Ringing Tone Converter creates a new file of each ringing tone to the current folder. It also changes the extensions of the new files from .000 to .rng. The extension .rng is compulsory if the tone is downloaded through the WWW.

```
Command Prompt                                              _ □ X
Microsoft(R) Windows NT(TM)
(C) Copyright 1985-1996 Microsoft Corp.

C:\WINNT>cd..

C:\>cd ring

C:\ring>geostone theme.000
Stripping 'theme.000' (Theme) to 'theme.rng'.

C:\ring>doall *.0*
Stripping 'biibaa.000' (Biibaa) to 'biibaa.rng'.
Stripping 'dibaduu.000' (Dibaduu) to 'dibaduu.rng'.
Stripping 'laulu.000' (Laulu) to 'laulu.rng'.
Stripping 'savelma.000' (Savelma) to 'savelma.rng'.
Stripping 'song.000' (Song") to 'song.rng'.
Stripping 'theme.000' (Theme) to 'theme.rng'.

C:\ring>
```
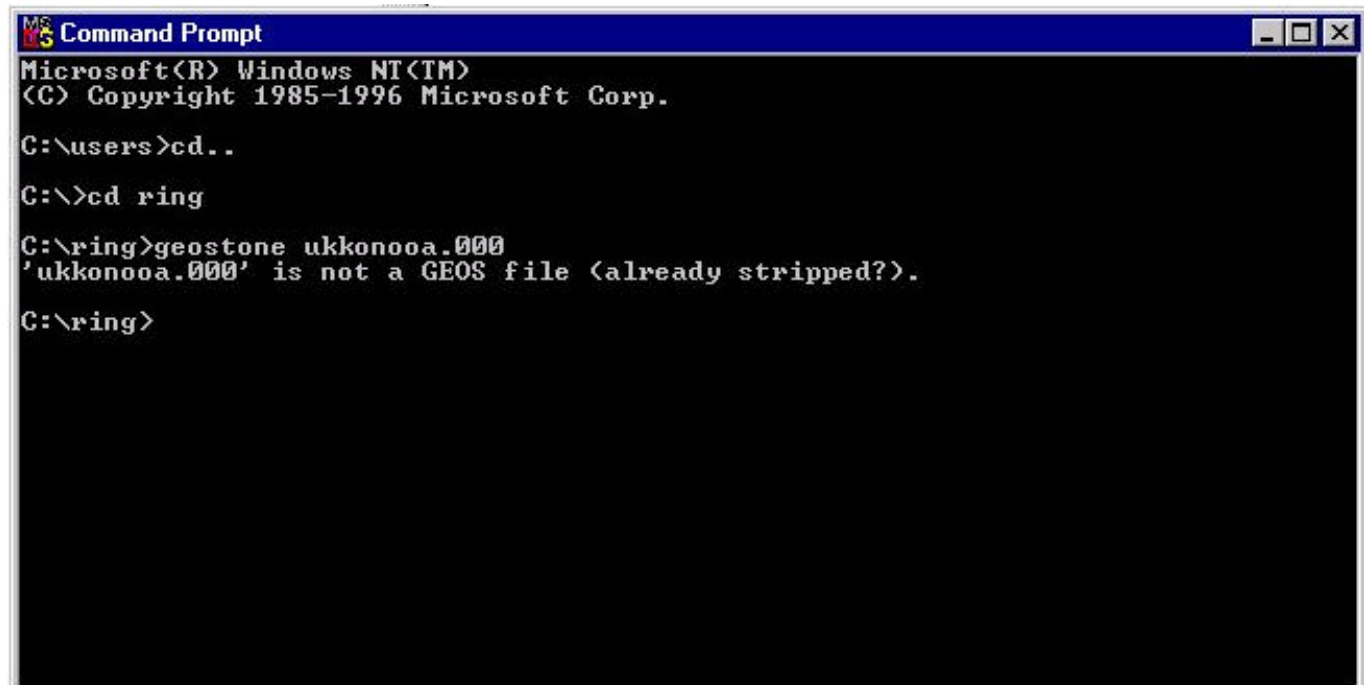
The Ringing Tone Converter will check if the ringing tone files have a geos header and notify the user if the files already are in a proper format for WWW downloading.

```
Command Prompt                                              _ □ X
Microsoft(R) Windows NT(TM)
(C) Copyright 1985-1996 Microsoft Corp.

C:\users>cd..

C:\>cd ring

C:\ring>geostone ukkonooa.000
'ukkonooa.000' is not a GEOS file (already stripped?).

C:\ring>
```

NOTE: If the ringing tone file does not have a geos header but the extension of the file is .000, the file extension needs to be manually changed to .rng before it can be downloaded through the WWW.

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