

RoutePlanner

Chris Lawrence

Copyright © 1994 Chris Lawrence

COLLABORATORS

	<i>TITLE :</i> RoutePlanner		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Chris Lawrence	February 12, 2023	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	RoutePlanner	1
1.1	RoutePlanner 1.4 AmigaGuide documentation	1
1.2	What is RoutePlanner?	1
1.3	Features	1
1.4	Copyright Issues	2
1.5	Getting up and running	3
1.6	RoutePlanner window	4
1.7	The `Via' listview	4
1.8	Preferences window	4
1.9	City selection requester	4
1.10	Trip display window	4
1.11	Appendix: RouteConv conversion utility	4

Chapter 1

RoutePlanner

1.1 RoutePlanner 1.4 AmigaGuide documentation

RoutePlanner 1.4 user documentation

1.2 What is RoutePlanner?

RoutePlanner is a highway trip planner program. It works out the best available route between two cities by consulting a Map file, also known as a database. With RouteEdit, an included utility, you can create and edit your own map files.

System Requirements:

Amiga Release 2 (or later)

At least 1 MB of memory (2 MB required for more detailed maps)

Magic User Interface 2.1 (or later) *

Hard disk highly recommended.

68020+ recommended.

1.3 Features

RoutePlanner is an update to Jim Butterfield's RoadRoute program. ←

The

following enhancements have been made:

- A graphic user interface has been added, using Stefan Stuntz's MUI system.
 - The program now incorporates fuel consumption data as part of its output.
 - Highway classifications have been added. You can adjust the master speed values for each classification, depending on your driving habits. *
 - You may choose up to 10 intermediate cities on your route, making
-

realistic "round trips" possible.

- Named map files can be loaded using extended selection, double-clicking on map file icons, or on the command line.
- Includes comprehensive documentation, supplemental utilities, and two map files, designed for small and large machines.
- Notification of crossing state lines, and arriving in intermediate cities.

Best of all, you can use your existing RoadRoute database files with RoutePlanner. Simply use the included

RouteConv

utility to import

the basic structure, then use RouteEdit to add any necessary highway classification data.

* Requires enhanced databases.

1.4 Copyright Issues

Copyright:

The program RoutePlanner is derived on a public domain software product, Jim Butterfield's RoadRoute. Therefore, the following copyright applies:

All portions of the archive, except the navigation module, are (C) 1994 Chris Lawrence. No registration fee is required or requested for RoutePlanner and RouteConv.

RouteEdit is an original work of the author. It is copyrighted shareware. Please refer to the RouteEdit legalese for further details.

This archive is freely distributable, provided:

1. This archive (or its unpacked contents) must be distributed as a unit.
2. No file in the archive may be altered.
3. Additional files (BBS advertisements, Fred Fish readmes, etc) may be added to the archive provided that the files do not solicit payment for services and do not contradict any of the supplied documentation.

This archive may be included on the Fred Fish CD series (Frozen Fish, Fresh Fish, etc.) and the Aminet CD-ROM. If you are interested in some other form of distribution, contact the author at the address below.

Contacting the author:

Chris Lawrence
Box 574060
Georgetown University
Washington DC 20057-4060

Internet mail: clawrenc@cap.gwu.edu

Please Note:

Many terms used in this document are trademarks or registered trademarks. This is generally indicated by the use of capital letters, i.e. AmigaGuide.

1.5 Getting up and running

Installation:

There is no specific installation procedure required. Just decompress the archive, and drag the RoutePlanner drawer somewhere convenient. It is not recommended that you separate the files.

Starting:

The easiest way to start RoutePlanner is to double-click on the RoutePlanner icon. This will automatically open the default map file (Basic-USA.route) and allow you to plan a route.

To use a map file other than the default, it is easiest to double-click on the map file's icon, to automatically open that file in RoutePlanner.

For example, let's try a simple route. Click on the "From..." button, or press the underlined character (F), to bring up the
city requester
.

There are two ways to find the city you are looking for. We're going to type the name of a city to start off with. For this example, type in "ocala" and press Return.

After a brief pause, the list will change positions and the name "Ocala, Florida" will be highlighted. Note that the case didn't matter.

Now, simply press Return again. To the right of the "From..." button, the name "Ocala, Florida" will be displayed.

Now let's set the destination city. Click on the "To..." button (or press T), and type in "wash,dc" and press Return.

The name "Washington, DC" will appear highlighted in the list. But why did we put the ",dc" on the end? To see, click on the "Cancel" button in the requester and then click on the "To..." button again.

This time, type in just "wash" and press Return. If you are using the simple (default) map file, the result is the same as it was before. But if you use the extended (high detail) map file, you will see a list of cities that start with "Wash", such as "Washington Park, Illinois", and "Washington Court House, Ohio". To select Washington, DC, you would either have to add the ",dc" now, click on "Washington, DC" in the list, or use the cursor keys to select it.

Click on "Ok" in the requester to choose Washington, DC. The button labeled

"Plan Route..." will no longer be ghosted, so click on it (or press P) to see your route.

Depending on how your preferences are set, the route may list every intersection between Ocala and Washington, or just the intersections where there is a turn to be made. If you use the enhanced database, you will find that exit numbers are given where applicable.

1.6 RoutePlanner window

1.7 The `Via' listview

1.8 Preferences window

1.9 City selection requester

1.10 Trip display window

1.11 Appendix: RouteConv conversion utility