

EXHIBIT C

```
client% pwd
/home/wei
client% ls -l viola/src/viola viola/apps/www.v vplot/vplot /usr/local/bin/sgmls
viola/apps/doodle.v viola/apps/plot.v viola/docs/testPlot.html viola/docs/testAl
l.html viola/docs/violaApps.html viola/apps/wave.v
-rwxr-xr-x  1 root      188416 Apr 14  1993 /usr/local/bin/sgmls
-rw-r--r--  1 wei       7397  May 12  1993 viola/apps/doodle.v
-rw-r--r--  1 wei       8815  May 12  1993 viola/apps/plot.v
-rw-r--r--  1 wei        949  May 12  1993 viola/apps/wave.v
-rw-r--r--  1 wei      56034  May 12  1993 viola/apps/www.v
-rw-r--r--  1 wei       1400  May 12  1993 viola/docs/testAll.html
-rw-r--r--  1 wei        709  May 12  1993 viola/docs/testPlot.html
-rw-r--r--  1 wei        900  May 12  1993 viola/docs/violaApps.html
-rwxr-xr-x  1 wei     1753088  May 12  1993 viola/src/viola
-rwxr-xr-x  1 wei      98304  May  7  1993 vplot/vplot
client% █
```

ViolaWWW Notes

ViolaWWW Alpha Release Notes

This is an alpha release of violaWWW. The primary intent of this release is to provide a demo for the Design team to evaluate, to provide user interface feedbacks, etc. The general look & feel is expected to be *Motif*'ed soon.

As is, this browser has trouble working with the HTML documents from the network, unless they have the necessary SGML document type declaration. This problem is being dealt with. Meanwhile, you can try out the documents listed below.

A few things to try out:

Under the rotating globe menu, the ViolaWWW "about" and "help" documents are fairly good representative of HMML.

Under the *Local* bookmarks menu:

gnnElements.hmml

A demo GNN header logo thingy.

testAll.html

Sample of HTML document.

violaBrief.hmml

A very long (too long) and **drafty** document on viola. Has embedded GUIs.

InternetRC (all)

An even longer document. Practically the whole InetRC catalog section.

Art Gallery

ViolaWWW Notes

Shows a tree graph, with hot-link tree nodes.

Doodle

A doodling "program" as WWW "doc".

Viola Survey

Demos a fill-in/mail-out forms. Currently implemented as viola object, but will be abstracted to be portable SGML, as in <ENTRY>. A related idea is the ORA Book Order Demo.

Wave

Sine wave plotting as WWW doc. Just a GUI toy, but demonstrates WWW as transport infrastructure not just for static documents.

Clock

A real working time telling clock as WWW "doc".

testPlot.hmm1

Demos a highly cool wire-frame plotting widget embeded in a document. **If you try this, you must exit viola properly (do not exit viola with control-C), else the X server will be anguished.**

Please ignore the *Public* and *Private* bookmarks for now.

Well, development continues! If you have any comments, suggestions, bug-reports, whatever, at all, please feel free to send them my way.

Pei
pei@ora.com

Test misc

Header 1

Header 2

Header 3

See the motd for useless messages.

LISTING	HTML_listing	0	0	10	10	25
TITLE	HTML_title	0	0	10	10	25

Here is an ordered list:

- ① socks
- ② scarf
- ③ pillows

And an unordered list.

- rubber ball.
- I recollect that, when a stripling, my first exploit in squirrel-shooting was in a grove of tall walnut-trees that shades one side of the valley. I had wandered into it at noontime, when all nature is peculiarly quiet, and was startled by the roar of my own gun, as it broke the Sabbath stillness around and was prolonged and reverberated by the angry echoes.
- If ever I should wish for a retreat whither I might steal from the world and its distractions, and dream quietly away the remnant of a troubled life, I know of none more promising than this little valley.

```
<!DOCTYPE html SYSTEM "html.dtd">
```

```
<HTML>
```

```
<TITLE>Test misc</TITLE>
```

```
<H1>Header 1</H1>
```

```
<H2>Header 2</H2>
```

```
<H3>Header 3</H3>
```

```
See the <A HREF="/etc/notd">notd</A> for useless messages.
```

```
<XMP>
```

```
LISTING HTML_listing 0 0 10 10 25
```

```
TITLE HTML_title 0 0 10 10 25
```

```
</XMP>
```

```
Here is an ordered list:
```

```
<OL>
```

```
<LI>socks
```

```
<LI>scarf
```

```
<LI>pillows
```

```
</OL>
```

```
And an unordered list.
```

```
<UL>
```

```
<LI>rubber ball.
```

```
<LI>I recollect that, when a stripling, my first exploit in squirrel-shooting was in a grove of tall walnut-trees that shades one side of the valley. I had wandered into it at noontime, when all nature is peculiarly quiet, and was startled by the roar of my own gun, as it broke the Sabbath stillness around and was prolonged and reverberated by the angry echoes.
```

```
<LI>If ever I should
```

```
wish for a retreat whither I might steal from the world and its distractions, and dream quietly away the remnant of a troubled life, I know of none more promising than this little valley.
```

```
</UL>
```

```
Definition lists:
```

```
<DL>
```

```
<DT>First term
```

```
<DD>Definition paragraph starts here.
```

```
<DT>Second term
```

```
<DD>Second definition paragraph starts here.
```

```
</DL>
```

```
Menu:
```

```
<MENU>
```

```
<LI>cinamon crepe
```

```
<LI>zinc coated pop corn.
```

```
<LI>rasberry spring water
```

```
</MENU>
```

```
Here is a dir (x2):
```

```
<DIR>
```

```
<LI>socks 0
```

```
<LI>scarf 1
```

```
<LI>pillows 2
```

RandoMyster's Waves

Title

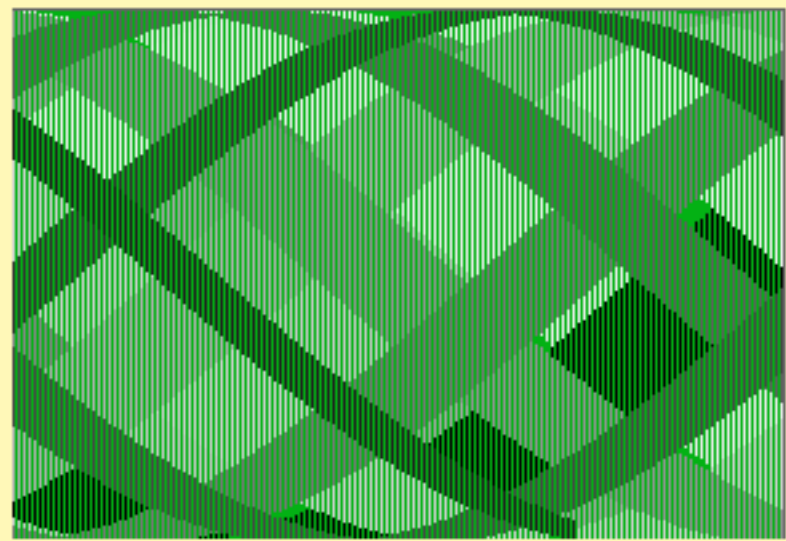
Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

No Search

re load SRC FILE

Message :

URL : file:///client/home/wei/viola/gallery/randomyster.html

OFF

↻

RandoMyster's Waves

Title

Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

No Search

re load SRC FILE

Message :

URL : file:///client/home/wei/viola/gallery/randomyster.html

OFF

↻

RandoMyster's Waves

Title

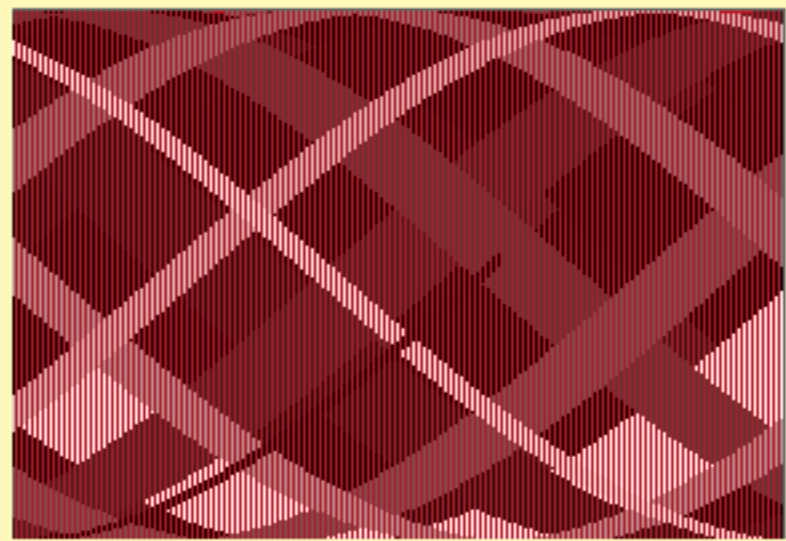
Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

No Search

re load SRC FILE

Message :

URL : file:///client/home/wei/viola/gallery/randomyster.html

OFF

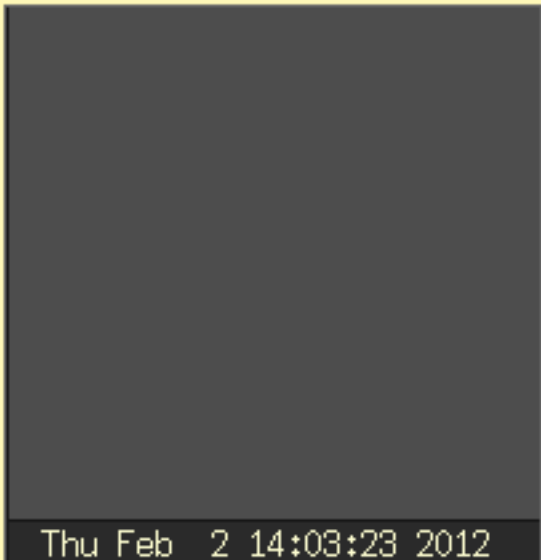
Test

List No. 5

The <VIOBJF> tag can be used to insert viola applications. Using this capability allows you embed in your document what you can access or build using viola's programming, and GUIs. Of course too much violaism reduces the portability of your document on the World Wide Web, but anyway...

Here are some examples.

Clock



Vicon



This can be a handy menu to tuck away at a corner of the screen.

Test

List No. 5

The <VOBJF> tag can be used to insert viola applications. Using this capability allows you embed in your document what you can access or build using viola's programming, and GUIs. Of course too much violaism reduces the portability of your document on the World Wide Web, but anyway...

Here are some examples.

Clock



Vicon



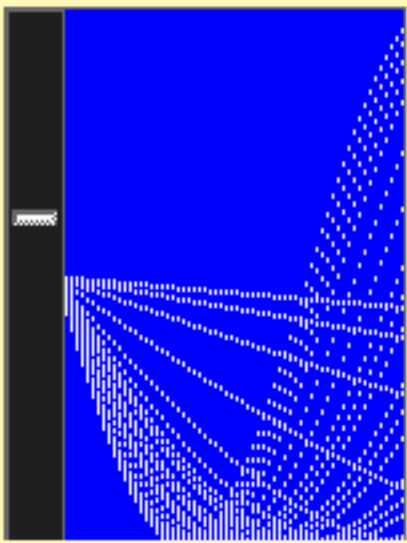
This can be a handy menu to tuck away at a corner of the screen.

Test

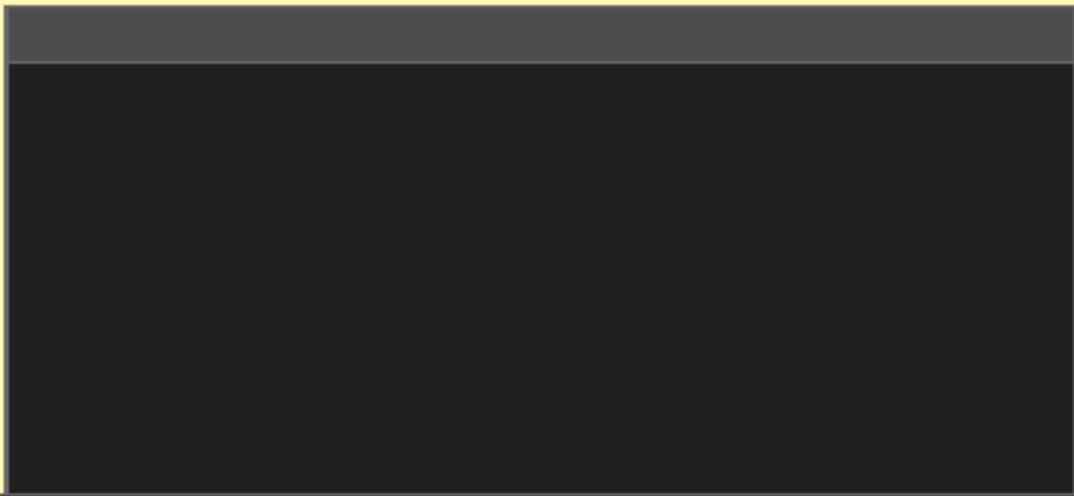
Press to e-mail this off

This application is intended to gather user information.

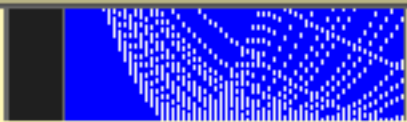
Wave fun



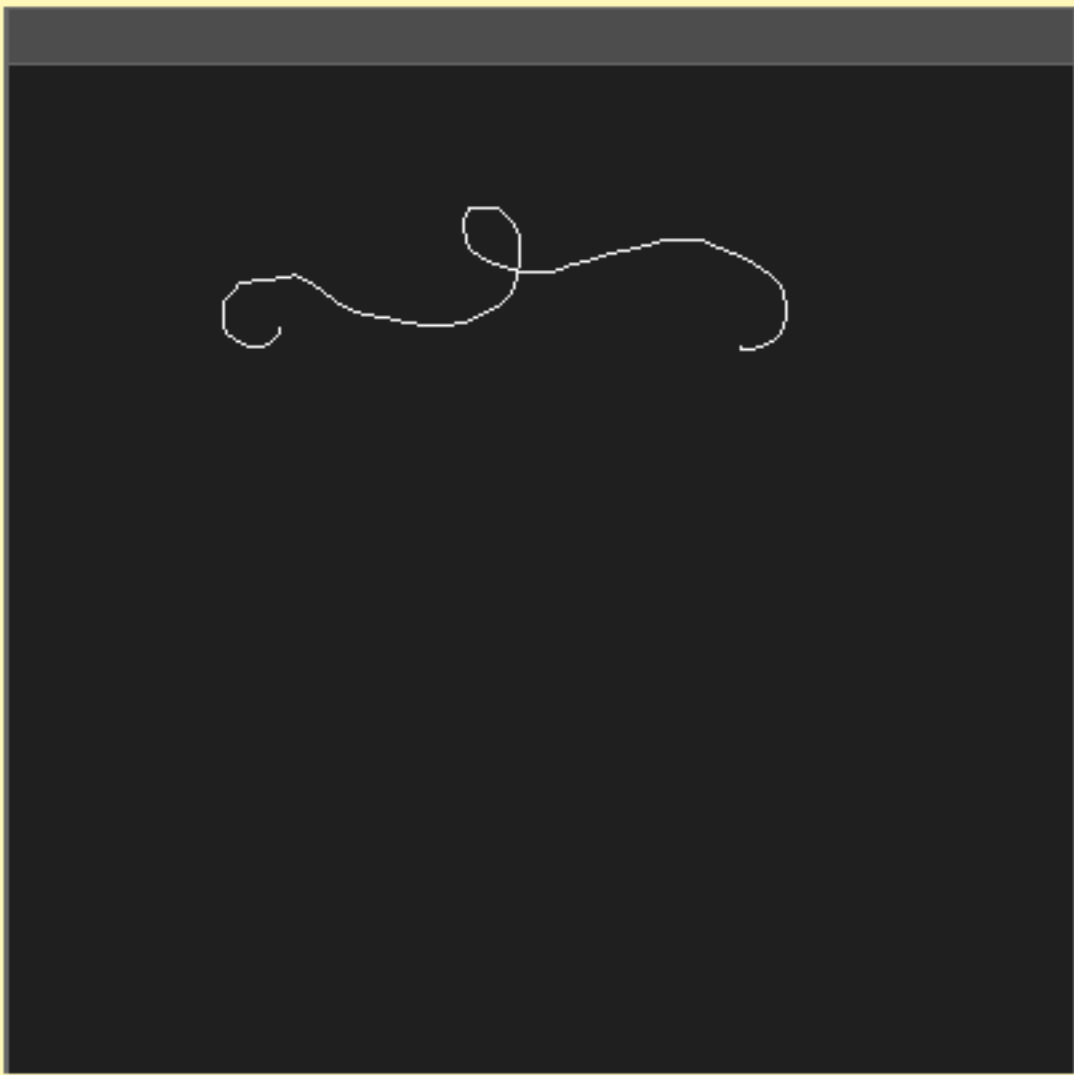
Noodle Doodles



Test



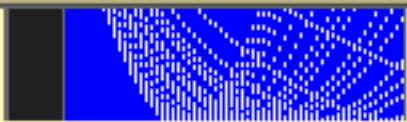
Noodle Doodles



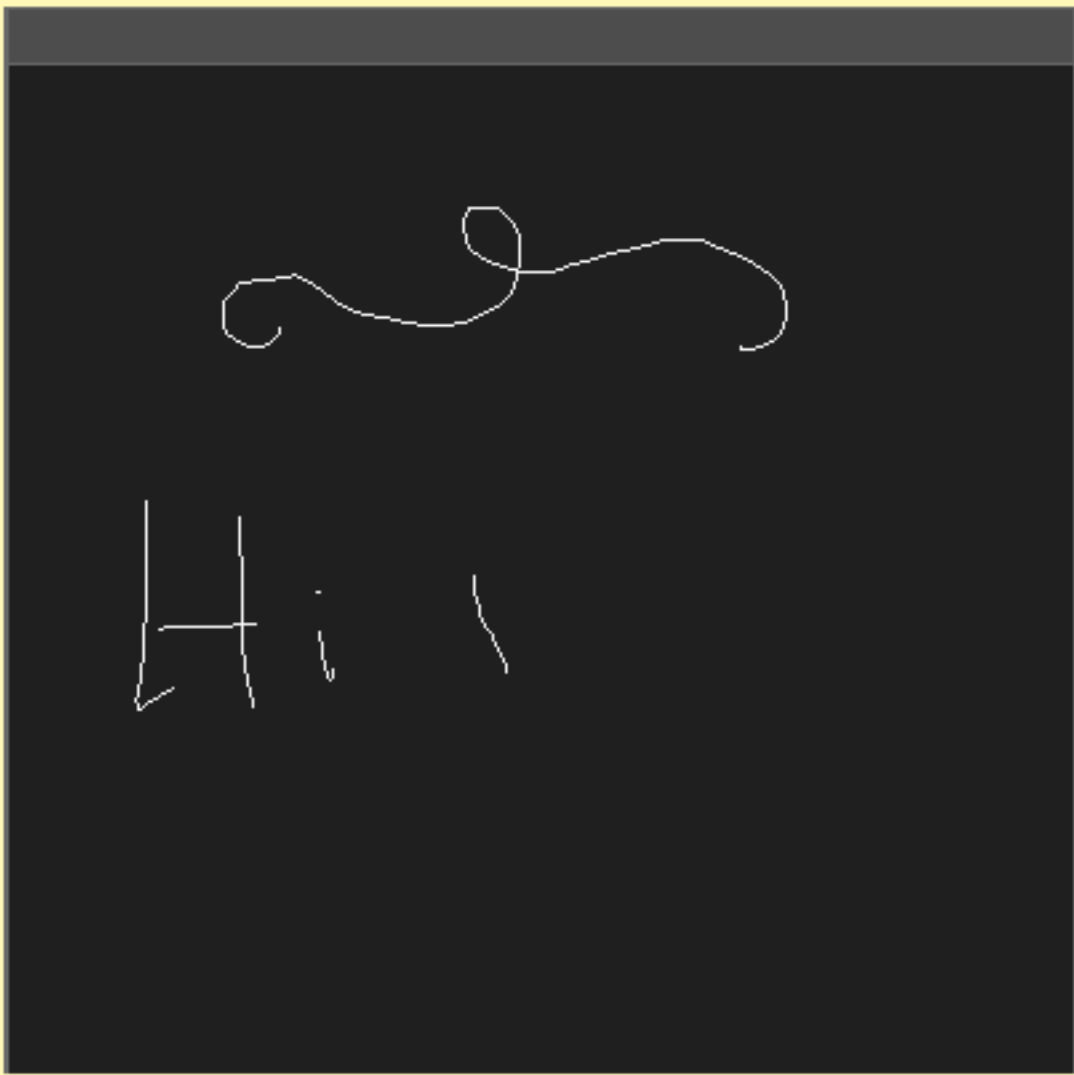
So I was bored...

The end.

Test



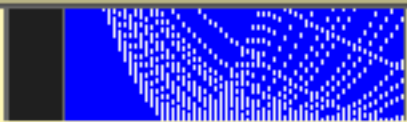
Noodle Doodles



So I was bored...

The end.

Test



Noodle Doodles



So I was bored...

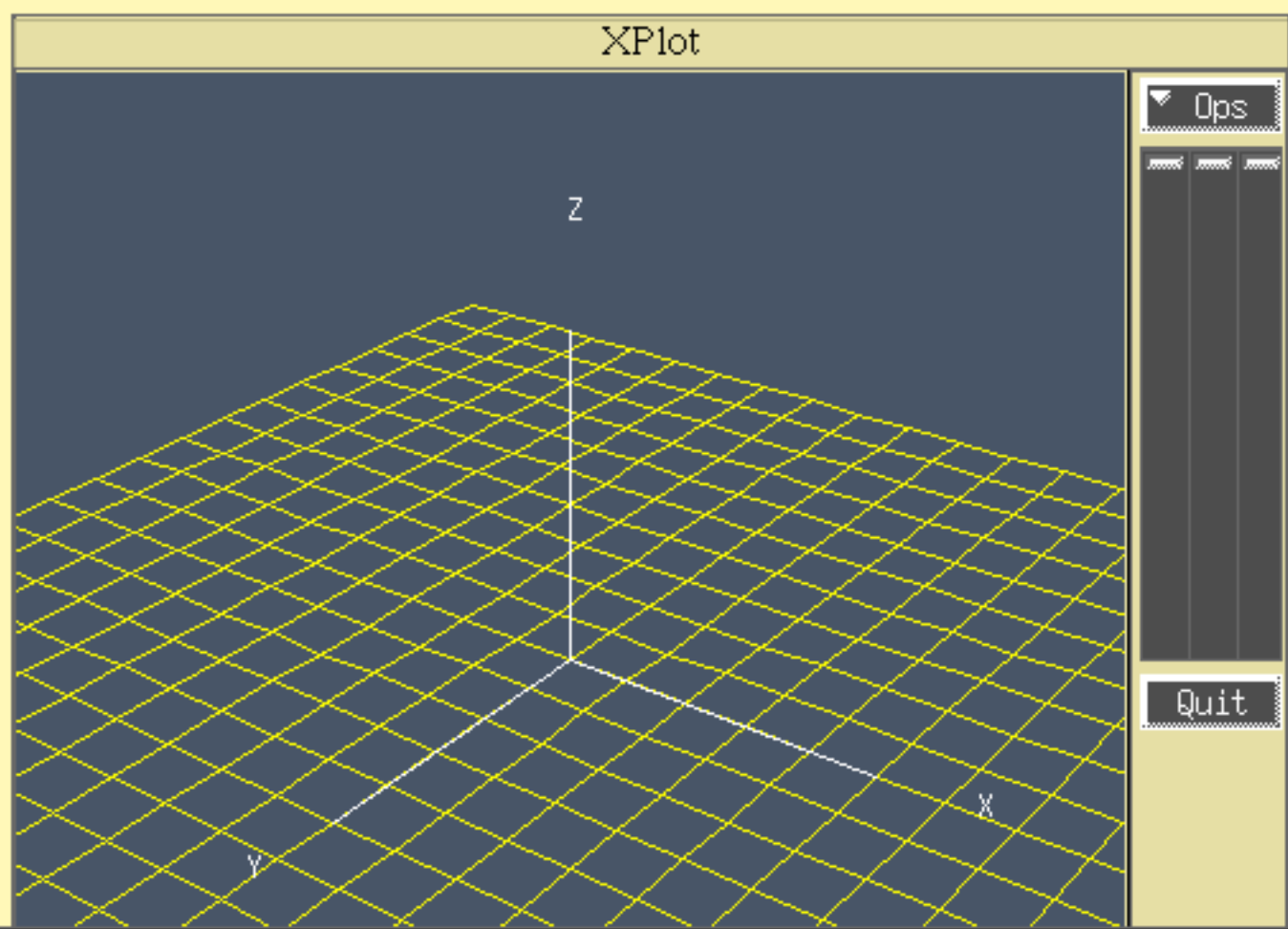
The end.

XPlot

An equation and vector-objects plotting program

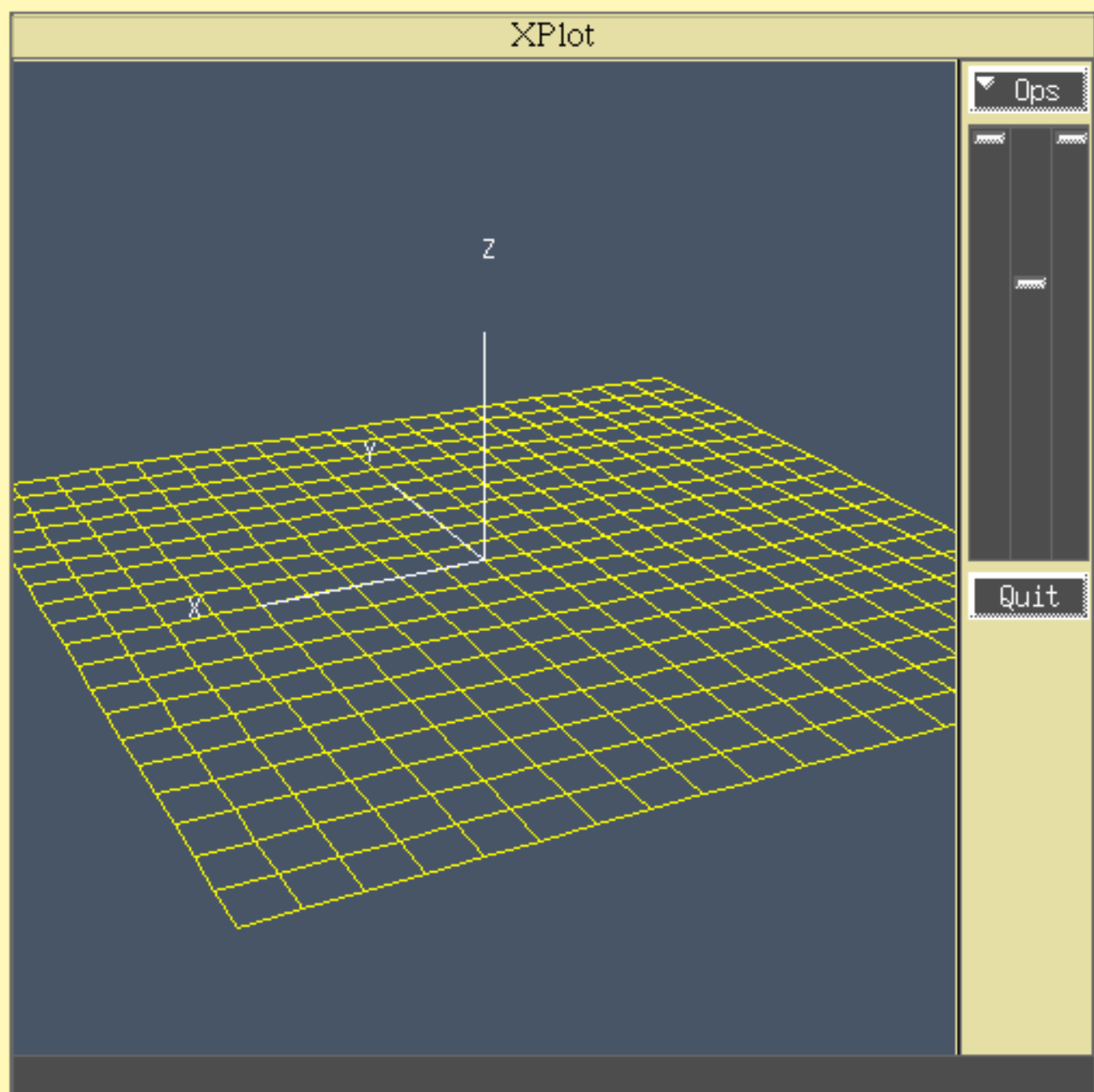
The `xplot` program was written by Scott Silvey at the Experimental Computing Facility of UCB. In an experiment, `xplot` was made accessible by other program, such as `viola`.

Here's a `viola` front-end to `xplot`, which is embedded into *this* document.



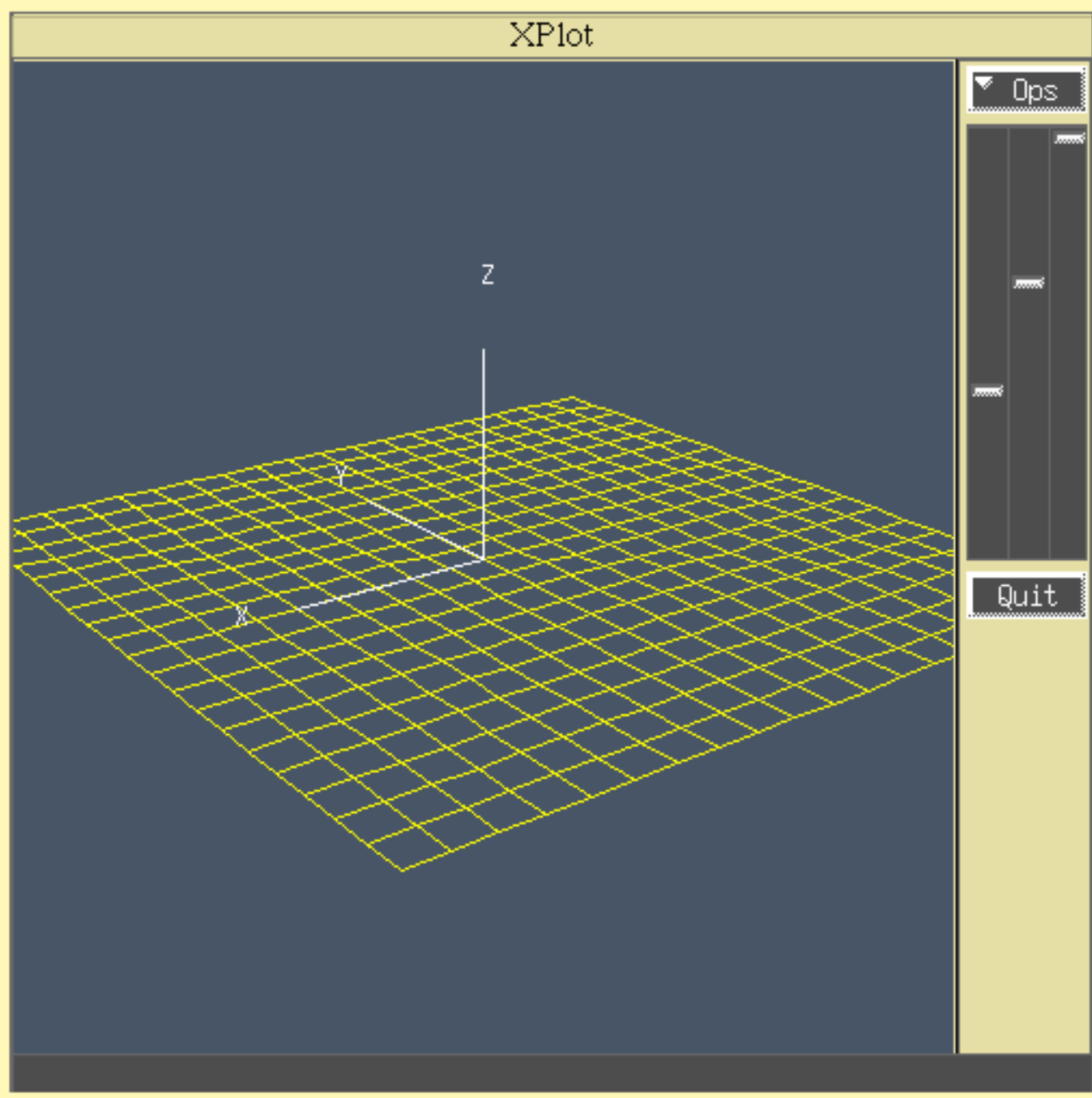
XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.



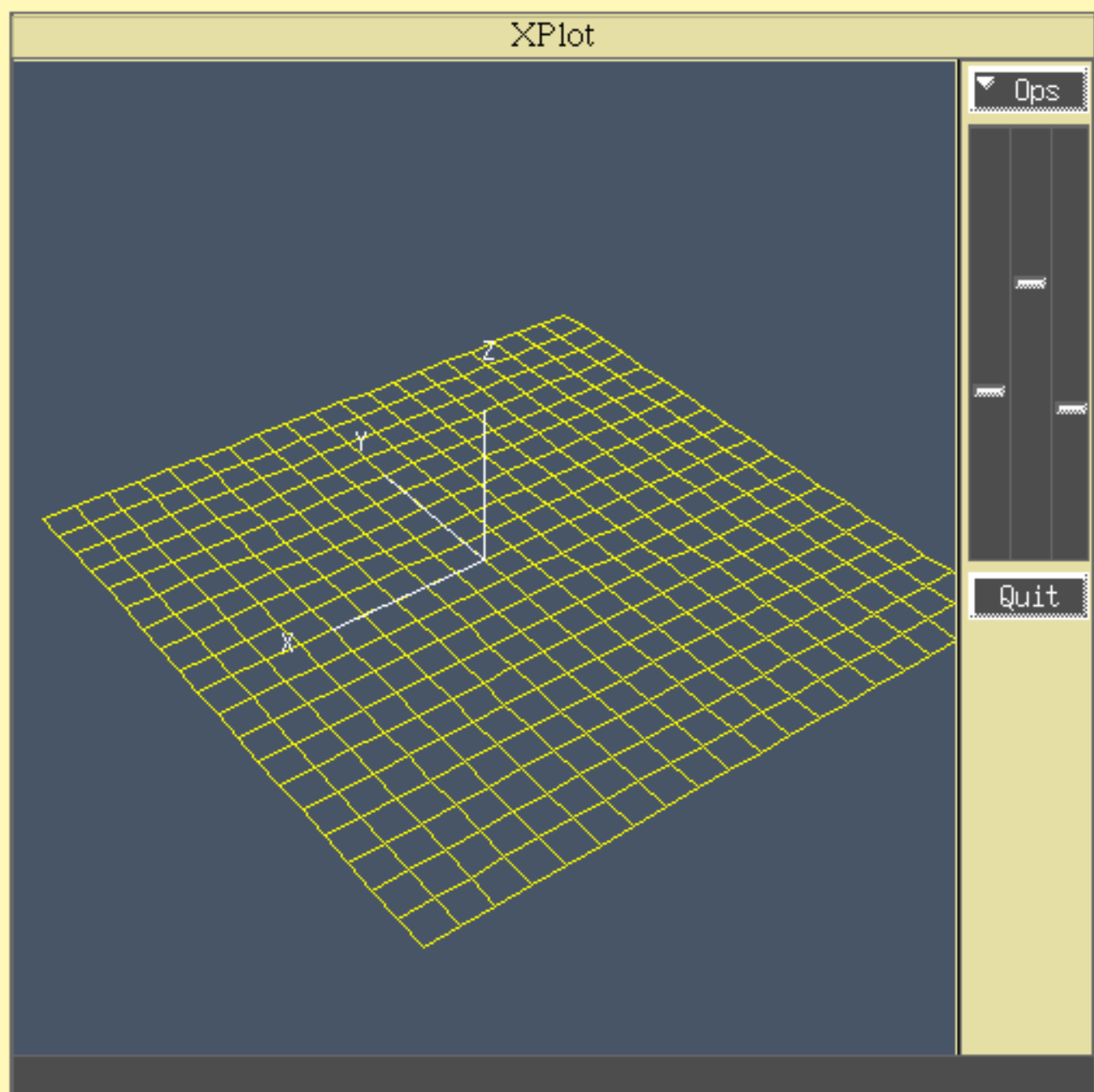
XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.



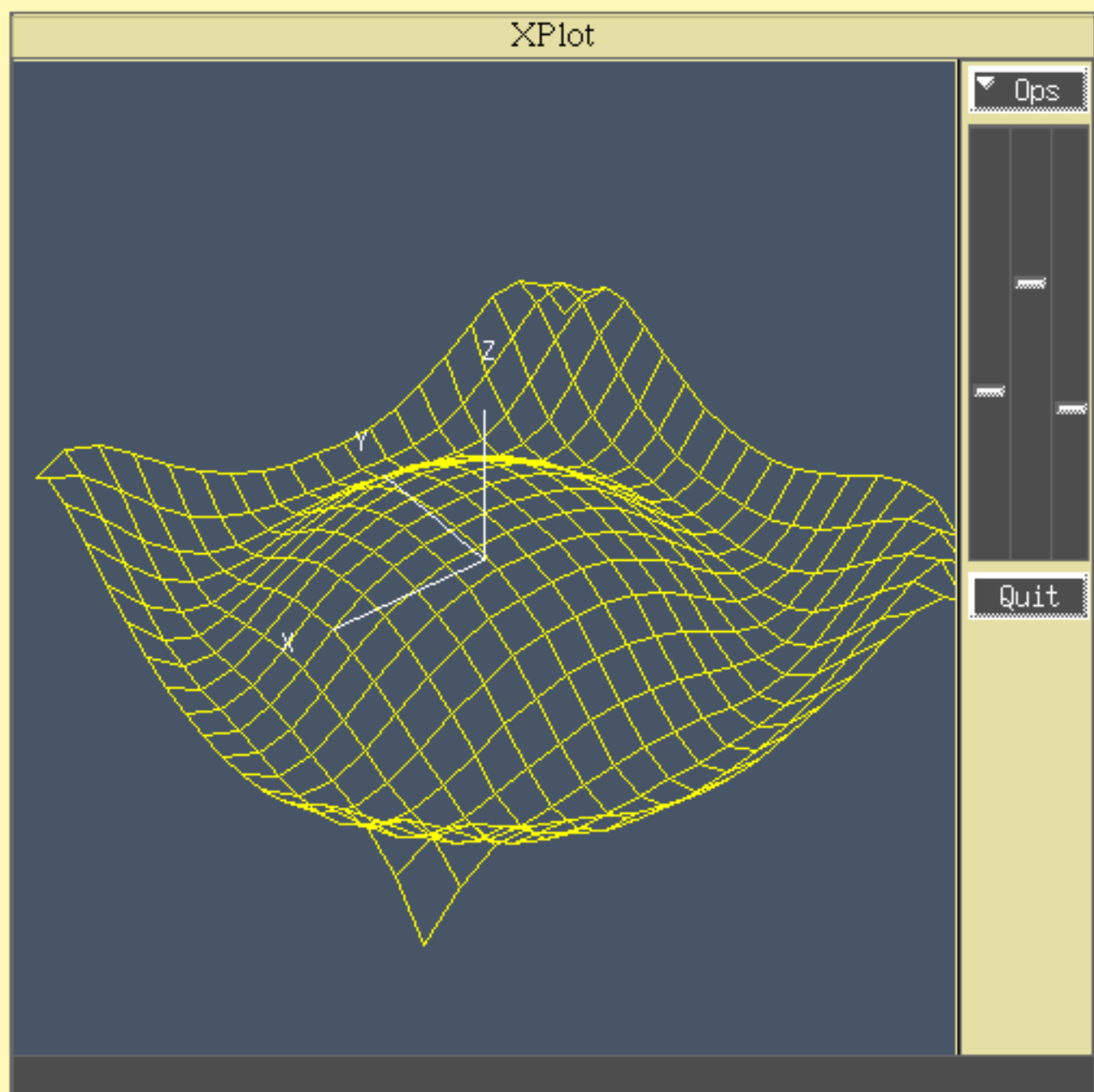
XPlot

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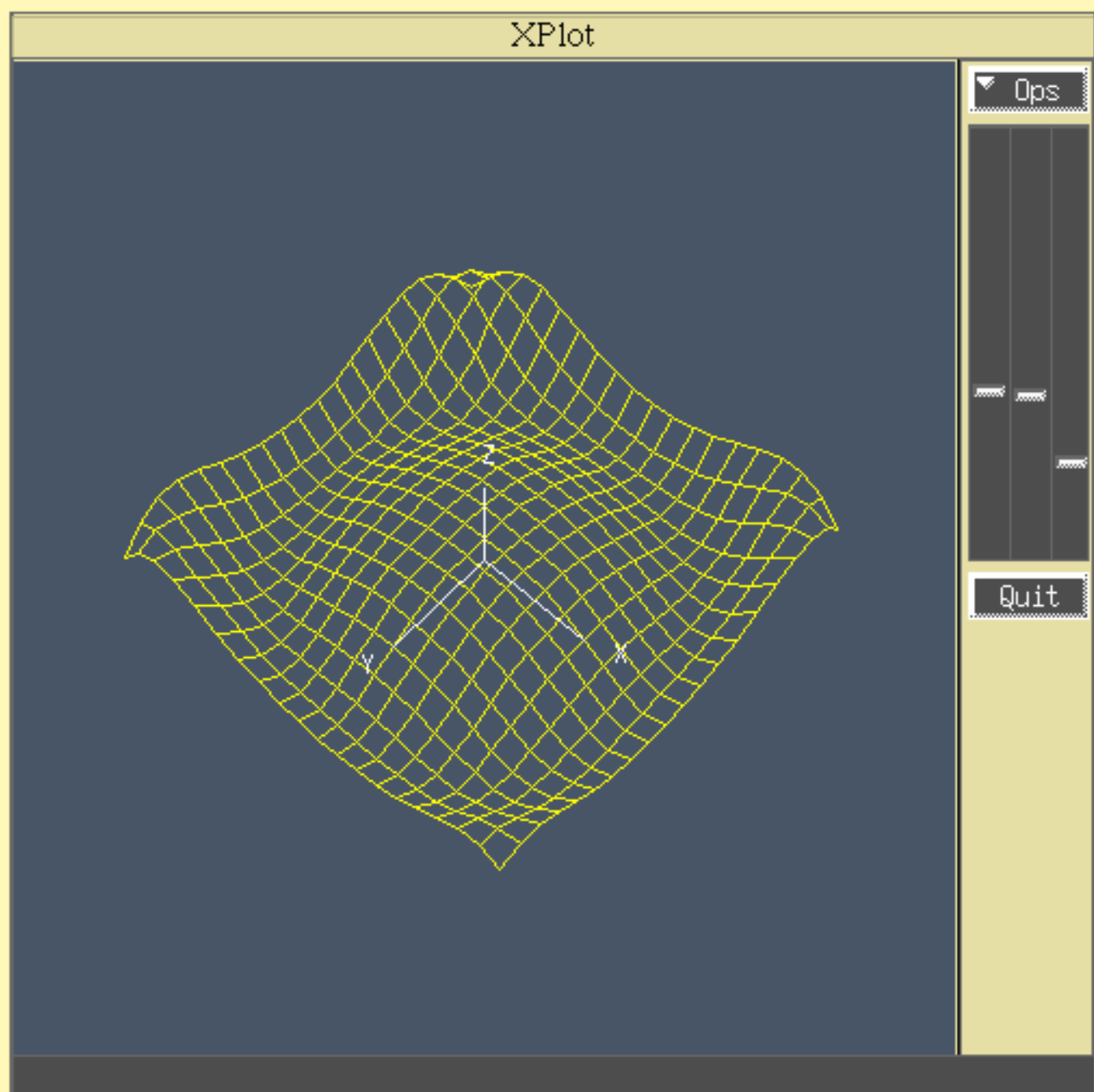
XPlot

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XPlot

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XPlot

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XPlot

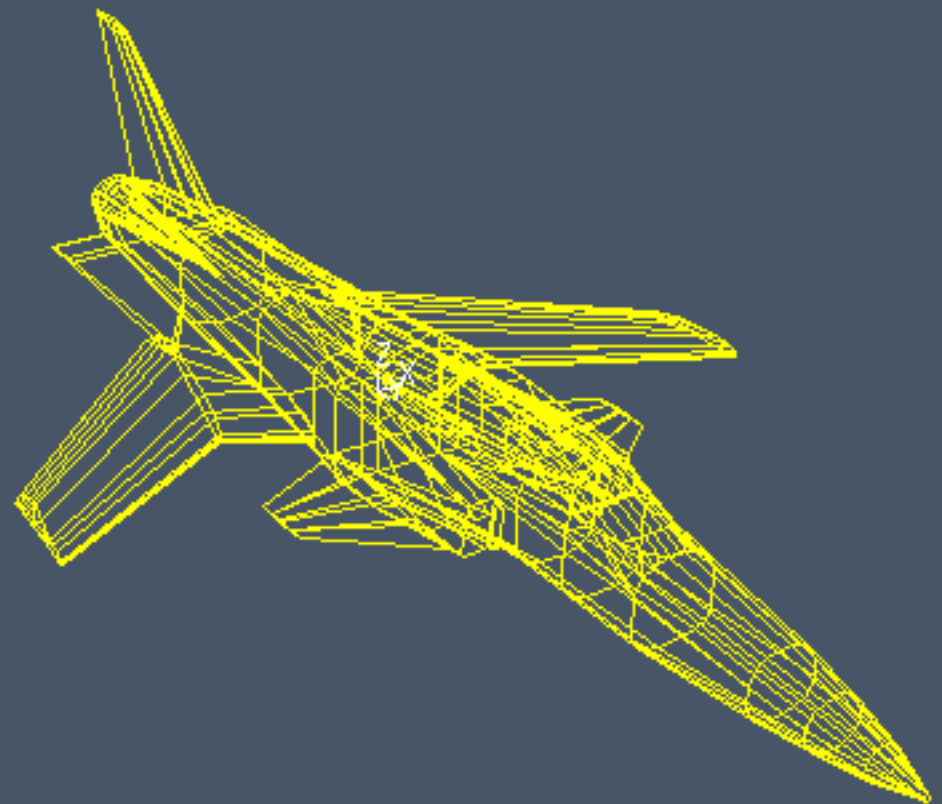
Ops

Quit

XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.

XPlot



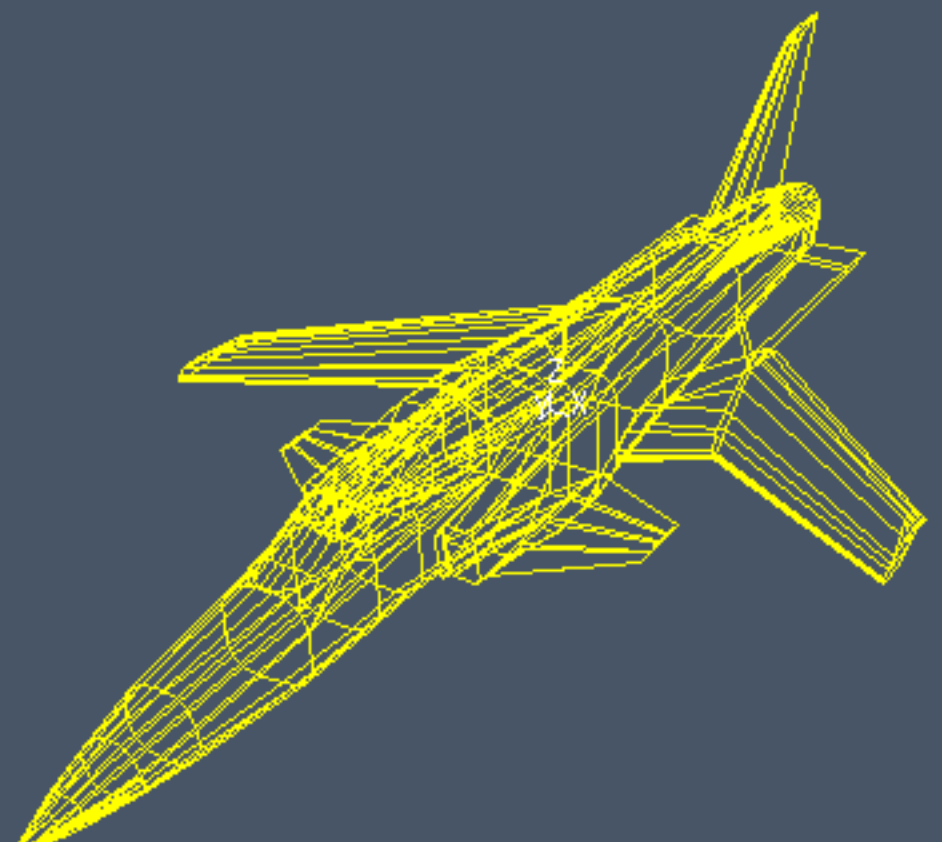
Ops

Quit

XPlot

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Quit

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Ops

Quit

```
client% pwd
/home/wei
client% ls -l viola/src/viola viola/apps/www.v /usr/local/bin/sgmls
-rwxr-xr-x  1 root      188416 Apr 14  1993 /usr/local/bin/sgmls
-rw-r--r--  1 wei       56034 May 12  1993 viola/apps/www.v
-rwxr-xr-x  1 wei     1753088 May 12  1993 viola/src/viola
client% █
```

ViolaWWW Notes

ViolaWWW Alpha Release Notes

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A few things to try out:

Under the rotating globe menu, the ViolaWWW "about" and "help" documents are fairly good representative of HMML.

Under the *Local* bookmarks menu:

[gnnElements.hmml](#)

A demo GNN header logo thingy.

[testAll.html](#)

Sample of HTML document.

[violaBrief.hmml](#)

A very long (too long) and **drafty** document on viola. Has embedded GUIs.

[InternetRC \(all\)](#)

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Sample of HTML document.

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A very long (too long) and **drafty** document on viola. Has embedded GUIs.

InternetRC (all)

Test misc

Header 1

Header 2

Header 3

See the motd for useless messages.

LISTING	HTML_listing	0	0	10	10	25
TITLE	HTML_title	0	0	10	10	25

Here is an ordered list:

- ① socks
- ② scarf
- ③ pillows

And an unordered list.

- rubber ball.
- I recollect that, when a stripling, my first exploit in squirrel-shooting was in a grove of tall walnut-trees that shades one side of the valley. I had wandered into it at noontime, when all nature is peculiarly quiet, and was startled by the roar of my own gun, as it broke the Sabbath stillness around and was prolonged and reverberated by the angry echoes.

Public

Local

Private



The Endangered Animals Watch

Information about Endangered Animals

Profiles of animals in dire situation. ...

Do you know who I am?



If you don't, that's OK. But I do have a few friends whom you should know about and I'd like you to meet them....

[and here we might stick in the info from Brian and Adrian]

No Search



SRC



Message:

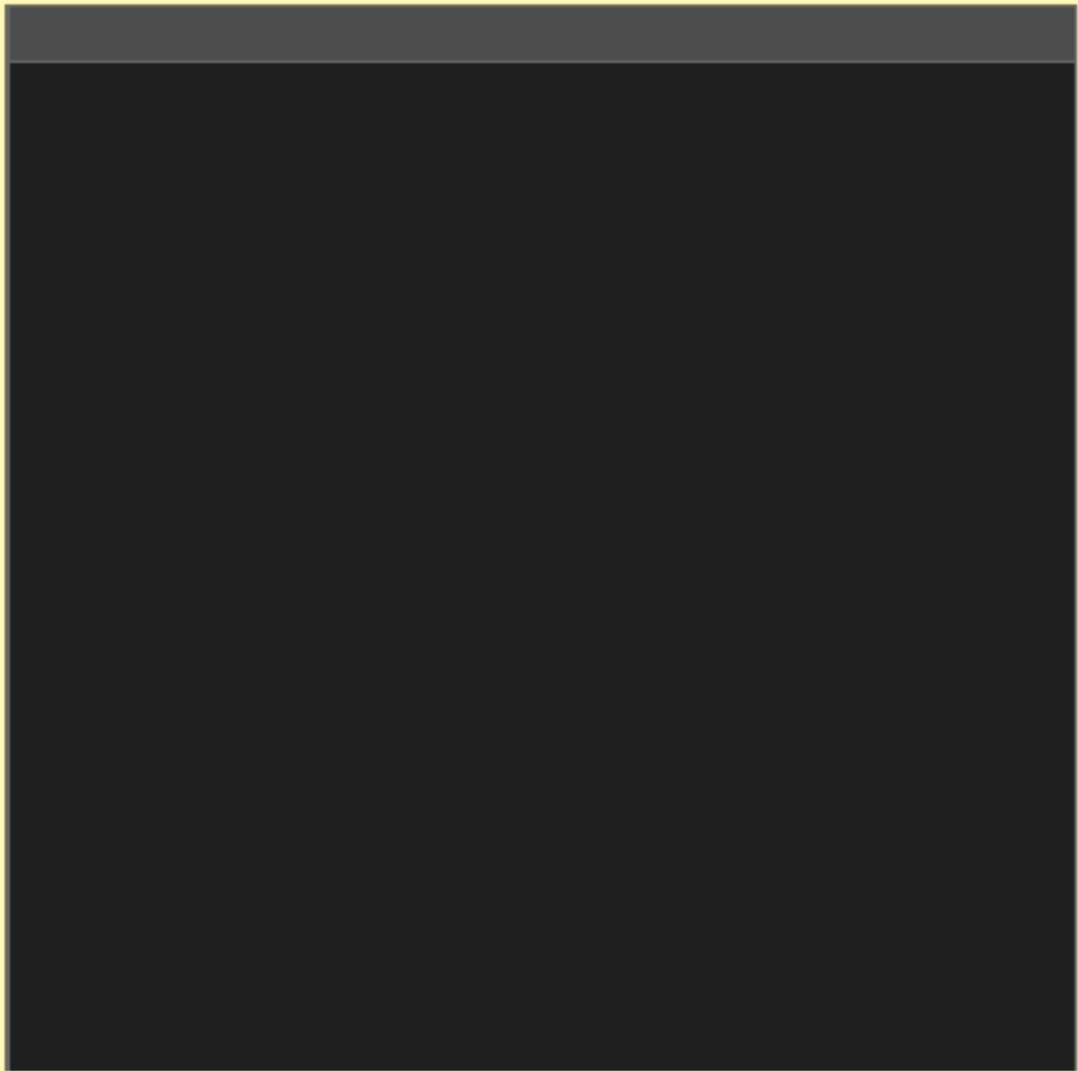
URL: <ftp://server/home/wei/viola/gallery/angered.hmm1>

OFF



Test

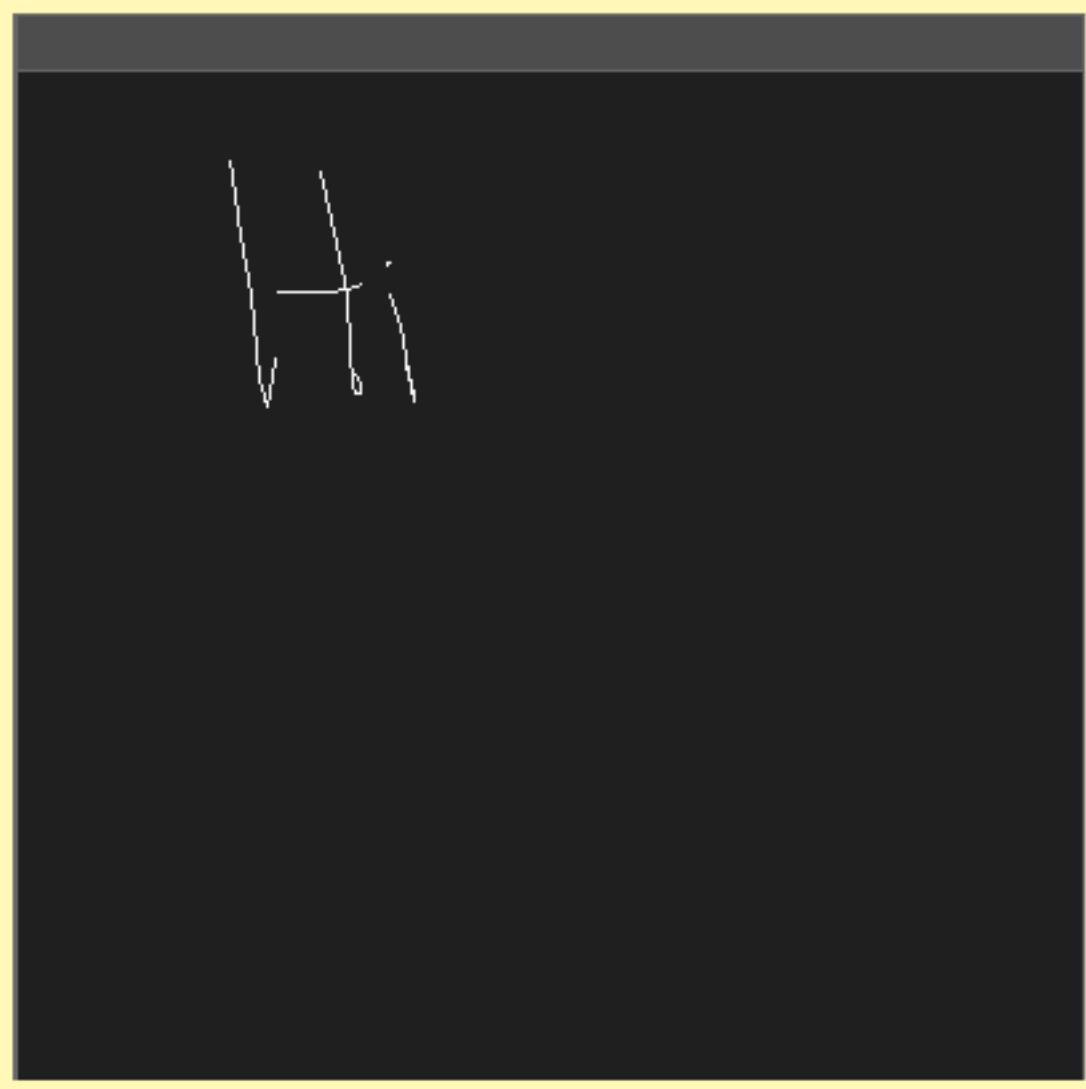
Noodle Doodles



The end.

Test

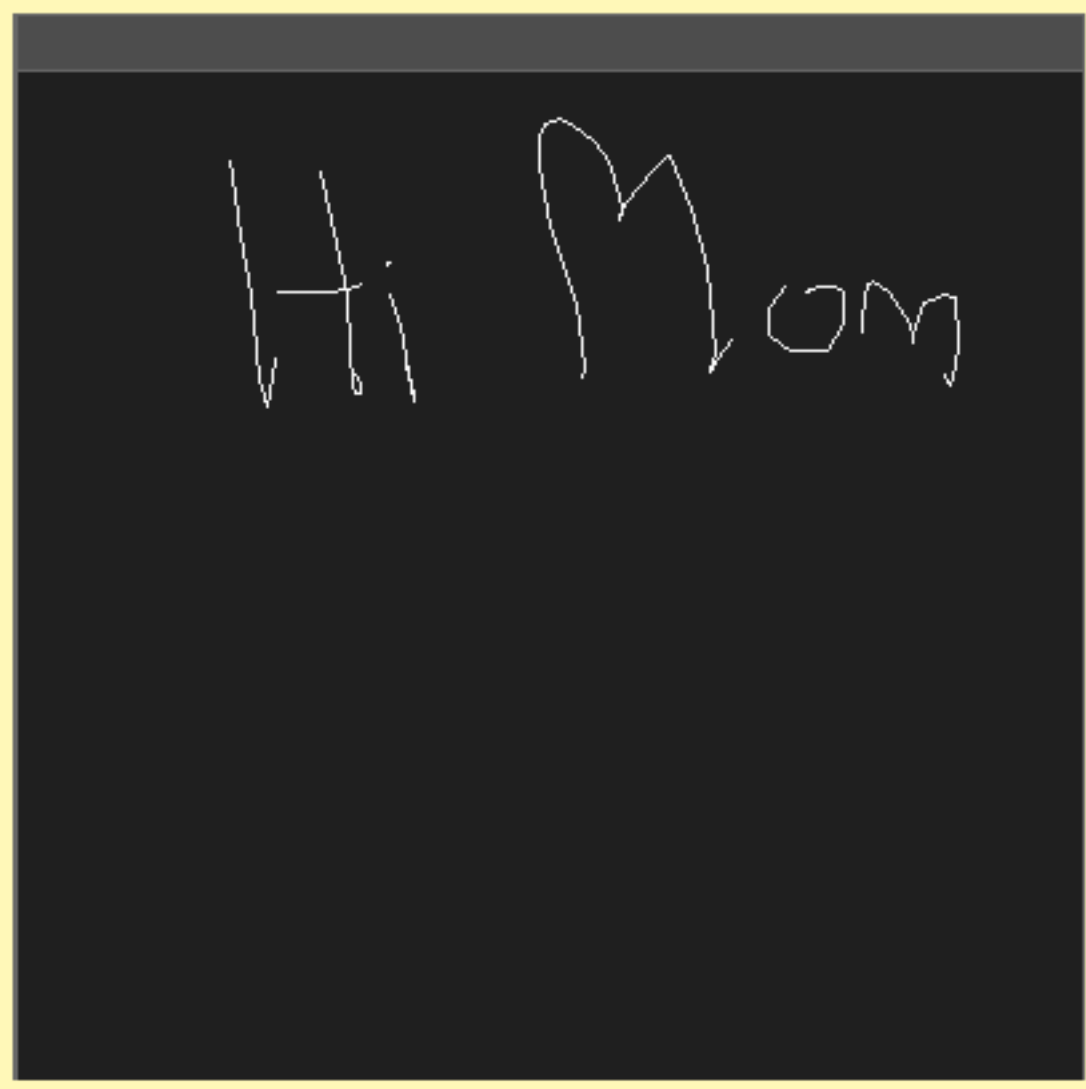
Noodle Doodles



The end.

Test

Noodle Doodles



The end.

```
client% pwd
/home/wei
client% ls -l viola/src/viola viola/apps/www.v vplot/vplot /usr/local/bin/sqmls
viola/apps/doodle.v viola/apps/plot.v viola/docs/testPlot.html viola/docs/testAl
l.html viola/docs/violaApps.html viola/apps/wave.v vplot/off/x29.geom
-rwxr-xr-x  1 root      188416 Apr 14  1993 /usr/local/bin/sqmls
-rw-r--r--  1 wei       7397  May 27  1993 viola/apps/doodle.v
-rw-r--r--  1 wei       8815  May 27  1993 viola/apps/plot.v
-rw-r--r--  1 wei        950  May 27  1993 viola/apps/wave.v
-rw-r--r--  1 wei     53494  May 27  1993 viola/apps/www.v
-rw-r--r--  1 wei      1244  May 27  1993 viola/docs/testAll.html
-rw-r--r--  1 wei       709  May 27  1993 viola/docs/testPlot.html
-rw-r--r--  1 wei       810  May 27  1993 viola/docs/violaApps.html
-rwxr-xr-x  1 wei    1769472  May 27  1993 viola/src/viola
-rwxr-xr-x  1 wei     24915  May  6  1993 vplot/off/x29.geom
-rwxr-xr-x  1 wei    98304  May  7  1993 vplot/vplot
client% █
```

ViolaWWW Notes

ViolaWWW Alpha Release Notes

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A few things to try out:

Under the rotating globe menu, the ViolaWWW "about" and "help" documents are fairly good representatives of HMML.

Under the *Local* bookmarks menu:

violaBrief.hmmlb

A technical introduction to the viola *engine*. Has neat embedded GUI, tree graph, and application screendumps.

testListNested.hmmlb

Shows HMML's nested lists, text insertion, embeded viola app, etc.

Art Gallery

Miscellaneous collection of documents with pictures.

testAll.html

Sample of HTML document.

Doodle

A doodling "program" as WWW "document".

Viola Survey

Demos a fill-in/mail-out forms. Currently implemented as viola object, but will be abstracted to be portable SGML, as in <ENTRY>.

Wave

Sine wave plotting as WWW doc. Just a GUI toy, but demonstrates WWW as transport infrastructure not just for static documents.

ViolaWWW Hypermedia Browser



ViolaWorldWideWeb Hypermedia Browser

1993.3.7

ViolaWWW implements an X-Windows browser client to the World-Wide Web system. This browser has the basic navigation mechanisms of clickable-hot-words, history list (previous/back/next document traversal), and book-mark lists. It has keyword search entry, and can do page cloning (multiple windows). There exists a simple printer hook, and a HTML source viewer (not editor).

ViolaWWW is built using the Viola interactive media tool(kit).

See also: ToDo list.

Thanks for taking the time to do bug reports, and suggestions!

Status

April 1993

Alpha release. SGML and other hypermedia features...

May 10, 1992

Beta release. HTML centric version.

March 9 to April 20, 1992

Releases to the WWW people at CERN for tests.

Check out the ViolaWWW bulletin at the XCF for the latest (mayhaps) announcements, releases, and bug-fixes regarding this software.

RandoMyster's Waves

Title

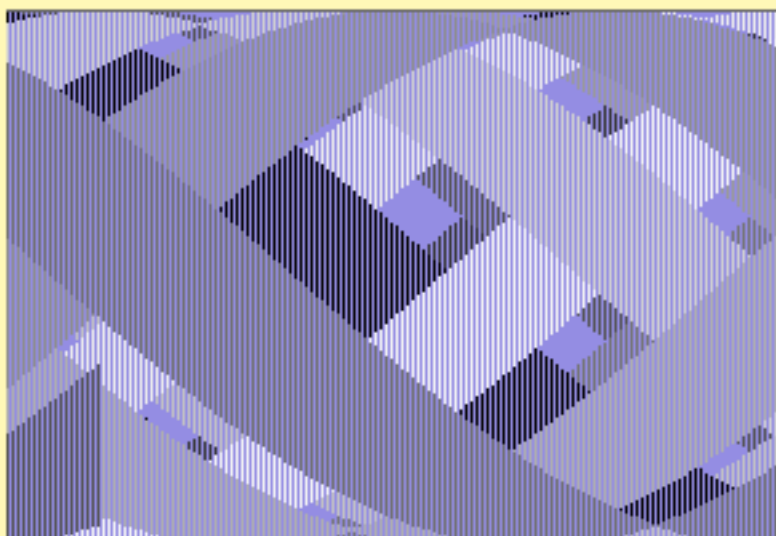
Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

RandoMyster's Waves

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Title

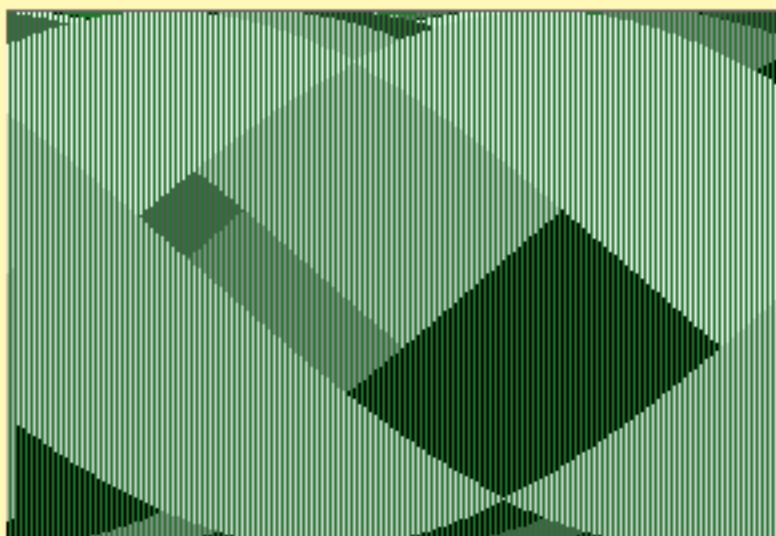
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Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

Test misc

Header 1

Header 2

Header 3

See the [motd](#) for useless messages. Here is an ordered list:

- ② socks
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- ④ pillows

And an unordered list.

- rubber ball.
- I recollect that, when a stripling, my first exploit in squirrel-shooting was in a grove of tall walnut-trees that shades one side of the valley. I had wandered into it at noontime, when all nature is peculiarly quiet, and was startled by the roar of my own gun, as it broke the Sabbath stillness around and was prolonged and reverberated by the angry echoes.
- If ever I should wish for a retreat whither I might steal from the world and its distractions, and dream quietly away the remnant of a troubled life, I know of none more promising than this little valley.

Definition lists:

First term

Definition paragraph starts here.

Second term

Second definition paragraph starts here.

Here is a dir (x2):

Use Control-S and Control-R to Search.

File /home/wei/viola/docs/testAll.html opened read - write.

/home/wei/viola/docs/testAll.html

Read - Write

```
<!DOCTYPE html SYSTEM "html.dtd">
<HTML>
<HEAD>
<TITLE>Test misc</TITLE>
</HEAD>
<BODY>
<H1>Header 1</H1>
<H2>Header 2</H2>
<H3>Header 3</H3>
See the <A HREF="/etc/notd">notd</A> for useless messages.
Here is an ordered list:
<OL>
<LI>socks
<LI>scarf
<LI>pillows
</OL>
And an unordered list.
<UL>
<LI>rubber ball.
<LI>I recollect that, when a stripling, my first exploit in
squirrel-shooting was in a grove of tall walnut-trees that shades
one side of the valley. I had wandered into it at noontime, when
all nature is peculiarly quiet, and was startled by the roar of
my own gun, as it broke the Sabbath stillness around and was
prolonged and reverberated by the angry echoes.
<LI>If ever I should
wish for a retreat whither I might steal from the world and its
distractions, and dream quietly away the remnant of a troubled
life, I know of none more promising than this little valley.
</UL>
Definition lists:
<DL>
<DT>First term
<DD>Definition paragraph starts here.
<DT>Second term
<DD>Second definition paragraph starts here.
</DL>
Here is a dir (x2):
<DIR>
<LI>socks 0
```

File README_alpha.hnm1 opened read - write.

README_alpha.hnm1

Read - Write

<!DOCTYPE hnm1 SYSTEM>

<HML>

<GROUP>www</GROUP>

<TITLE>ViolaWWW Notes</TITLE>

<H1>ViolaWWW Alpha Release Notes</H1>

<P>

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<H2>A few things to try out:</H2>

<P>

Under the rotating globe menu, the ViolaWWW "about" and "help" documents are fairly good representatives of HML.

<P>

Under the *Local* bookmarks menu:

<DL>

<DT>violaBrief.hnm1b

<DD>A technical introduction to the viola *engine*.

Has neat embedded GUI, tree graph, and application screendumps.

<DT>testListNested.hnm1b

<DD>Shows HML's nested lists, text insertion, embeded viola app, etc.

<DT>Art Gallery

<DD>Miscellaneous collection of documents with pictures.

<DT>testAll.html

<DD>Sample of HTML document.

<DT>Doodle

<DD>A doodling "program" as WWW "document".

<DT>Viola Survey

<DD>Demos a fill-in/mail-out forms. Currently implemented as viola object, but will be abstracted to be portable SGML, as in `<CMD><ENTRY></CMD>`.

<DT>Wave

<DD>Sine wave plotting as WWW doc. Just a GUI toy, but demonstrates WWW as transport infrastructure not just for static documents.

<DT>Clock

<DD>A real working time telling clock as WWW "doc".

<DT>InternetRC (all)

<DD>Practically the whole Internet resource catalog.

</DL>

Test

List No. 5

The <VDBJF> tag can be used to insert viola applications. Using this capability allows you embed in your document what you can access or build using viola's programming, and GUIs. Of course too much violaism reduces the portability of your document on the World Wide Web, but anyway...

Here are some examples.

Clock



Vicon



This can be a handy menu to tuck away at a corner of the screen.

Query

Test

List No. 5

The <VDBJF> tag can be used to insert viola applications. Using this capability allows you embed in your document what you can access or build using viola's programming, and GUIs. Of course too much violaism reduces the portability of your document on the World Wide Web, but anyway...

Here are some examples.

Clock



Vicon

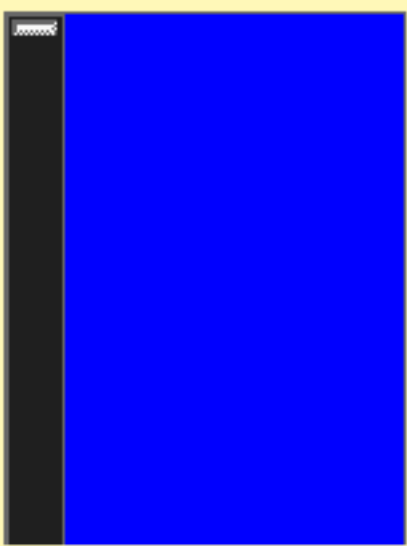


This can be a handy menu to tuck away at a corner of the screen.

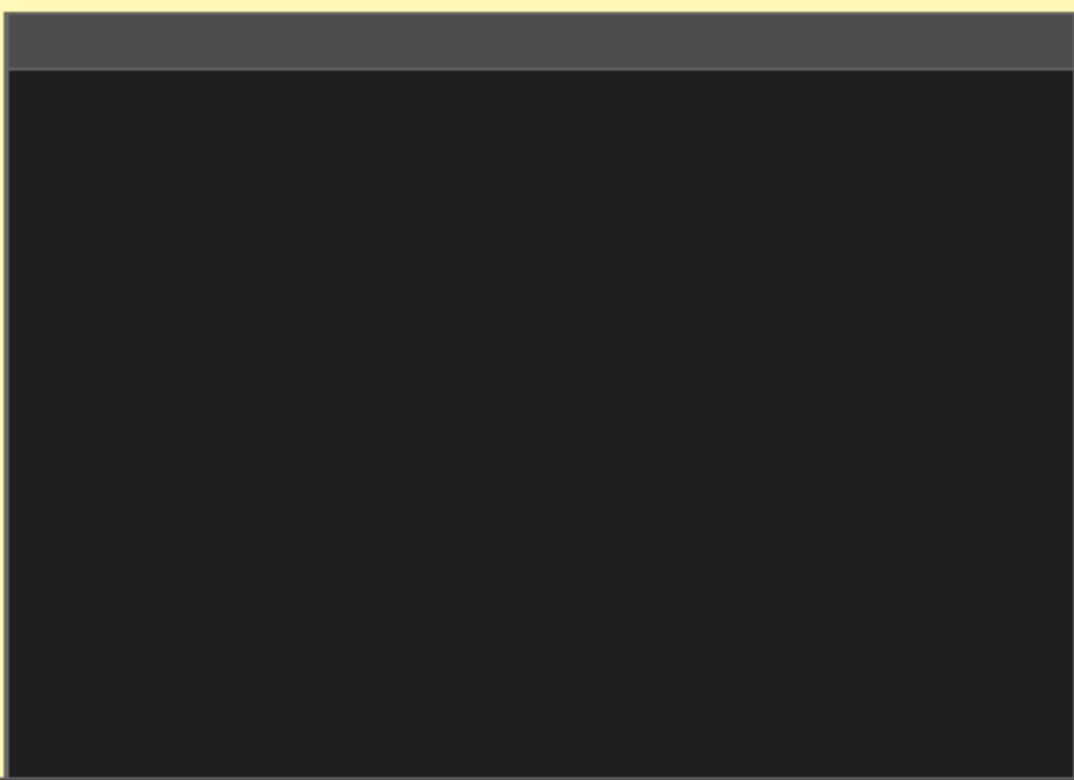
Query

Test

Wave fun

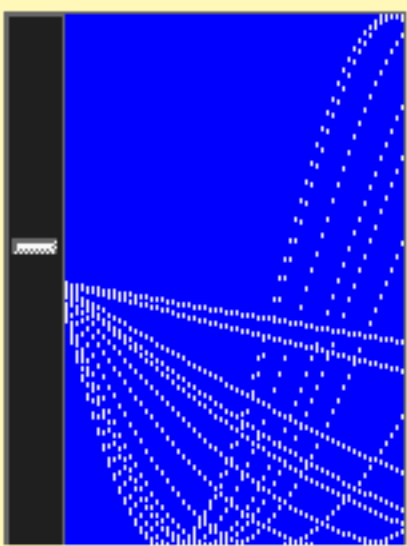


Noodle Doodles

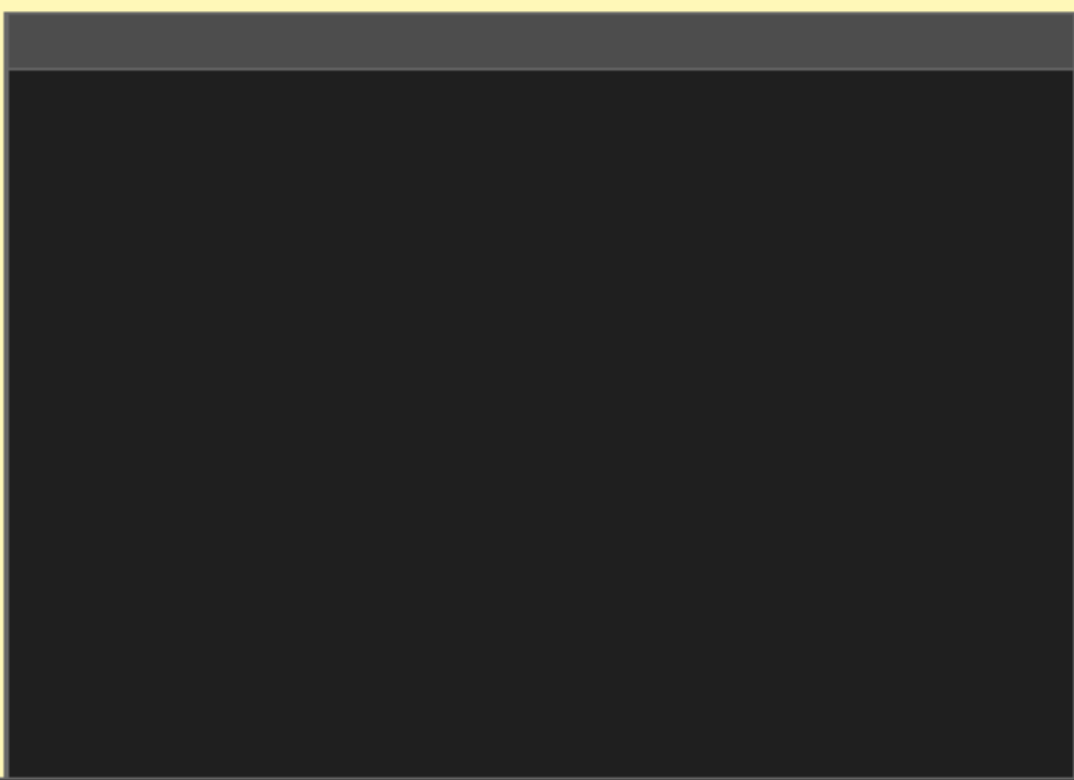


Test

Wave fun

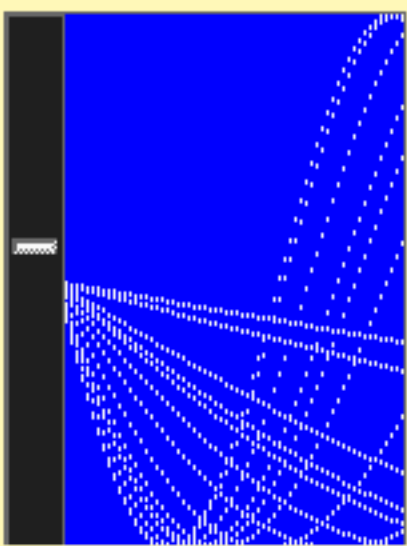


Noodle Doodles

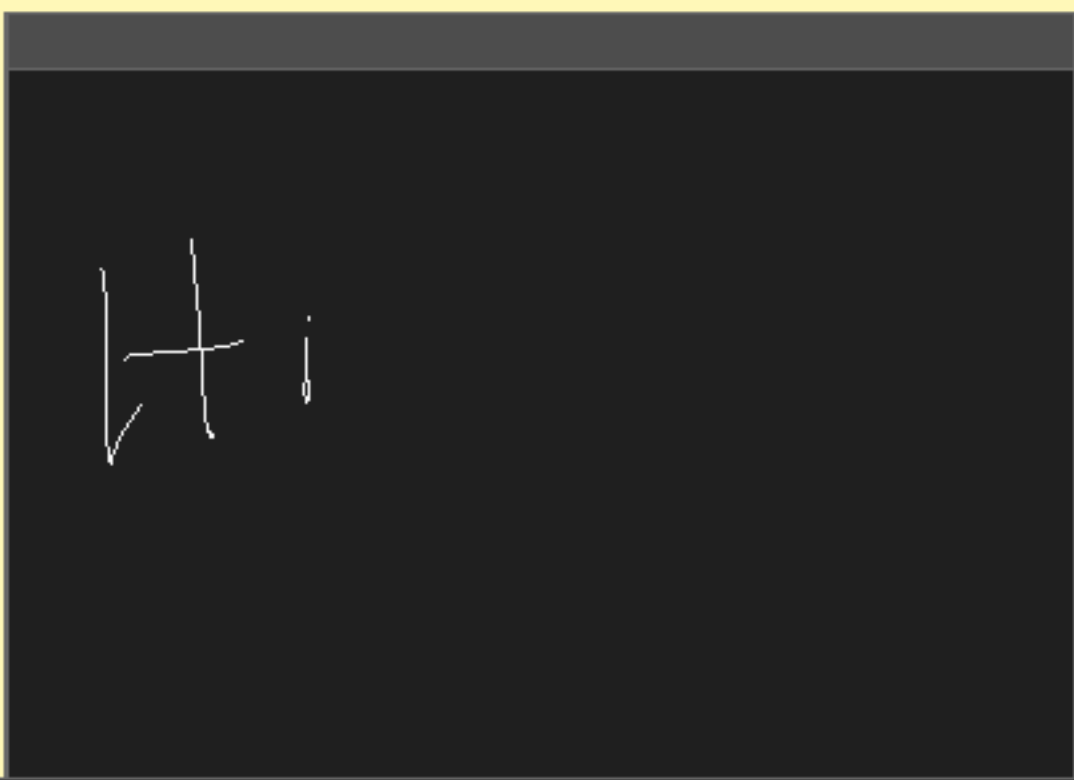


Test

Wave fun

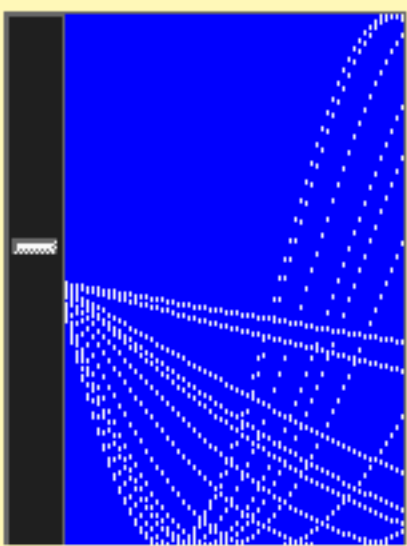


Noodle Doodles

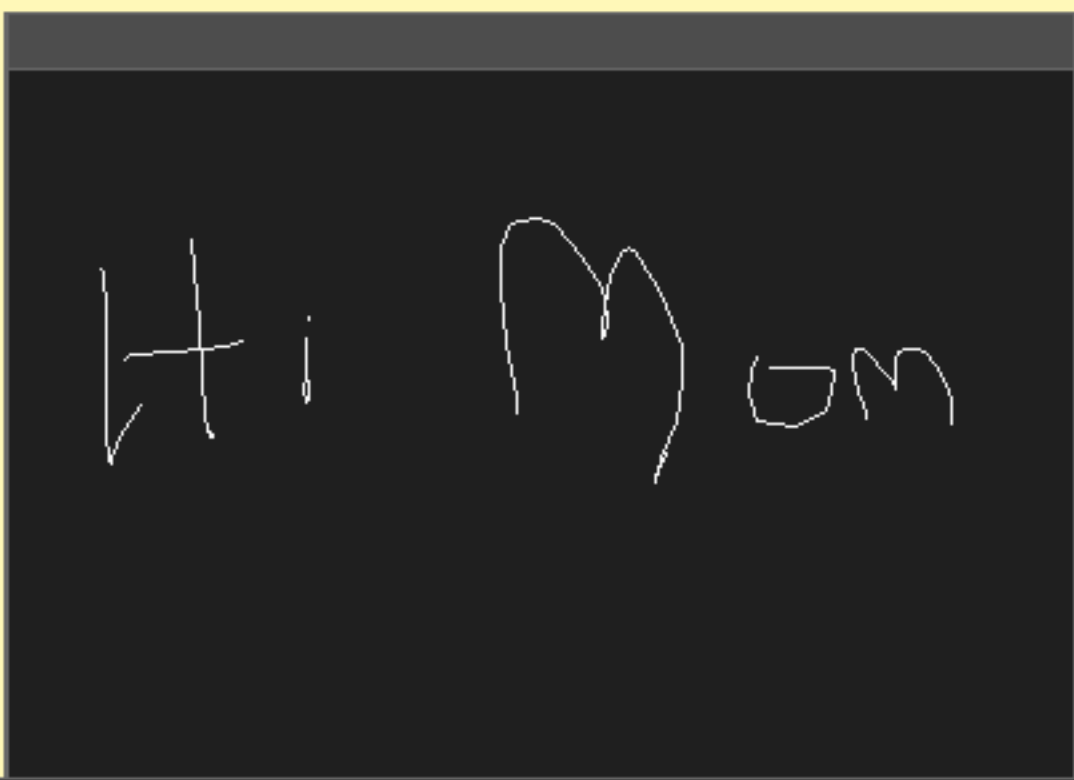


Test

Wave fun

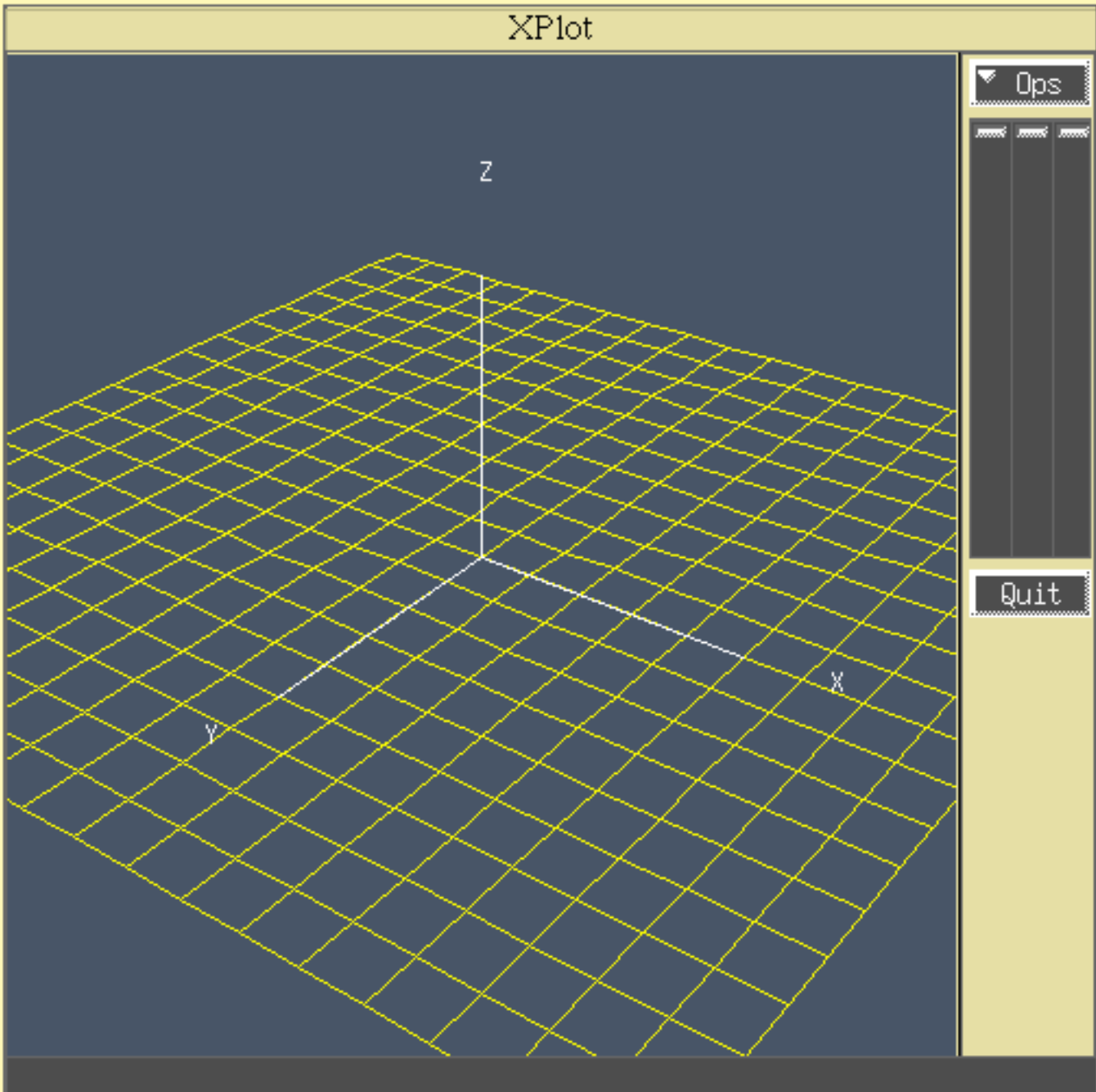


Noodle Doodles



XPlot

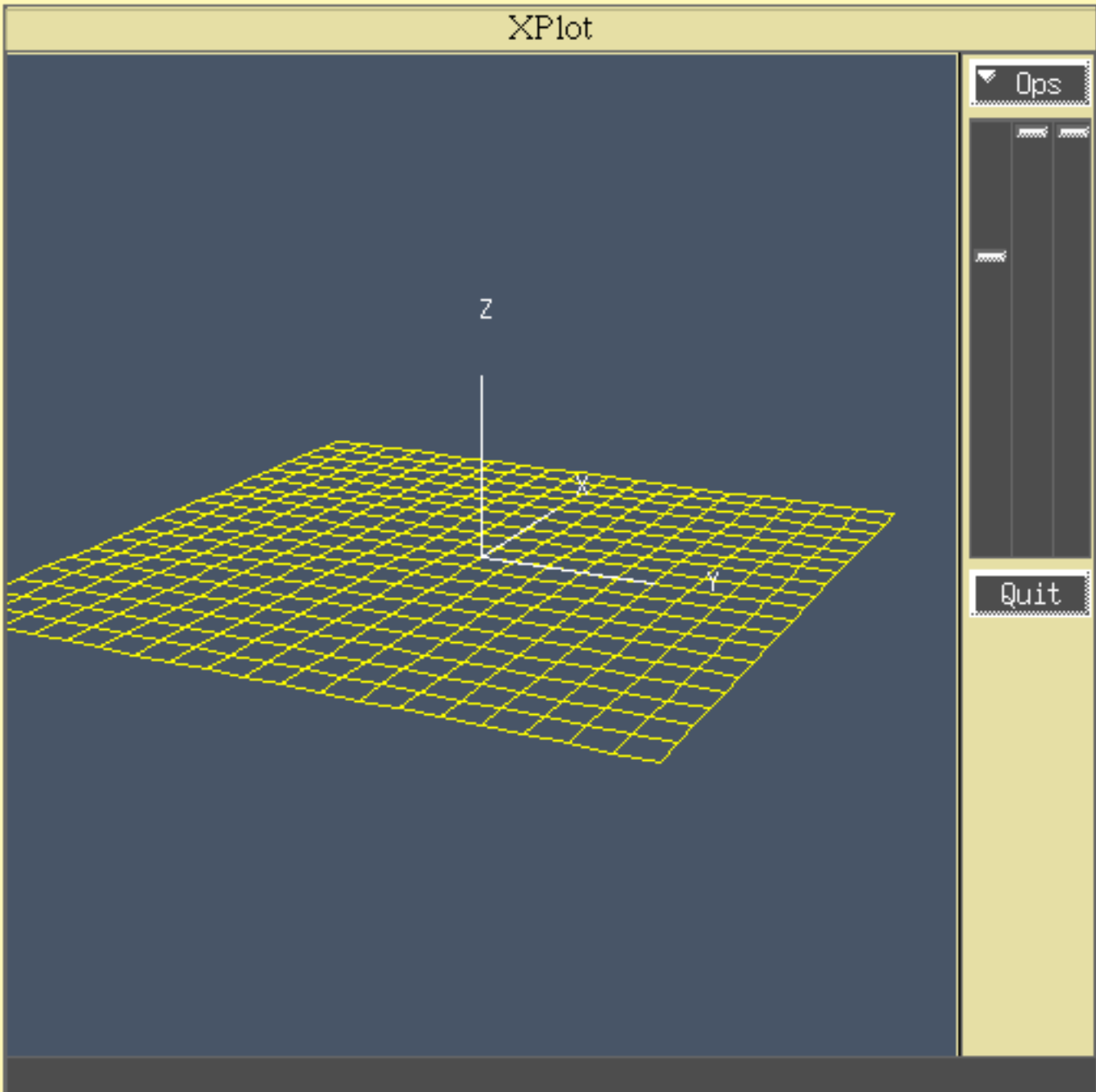
Here's a viola front-end to xplot, which is embedded into *this* document.



```
file /usr/work/vplot/off/x29.geom  
equation .4 * sin(.4 * x + y)
```

XPlot

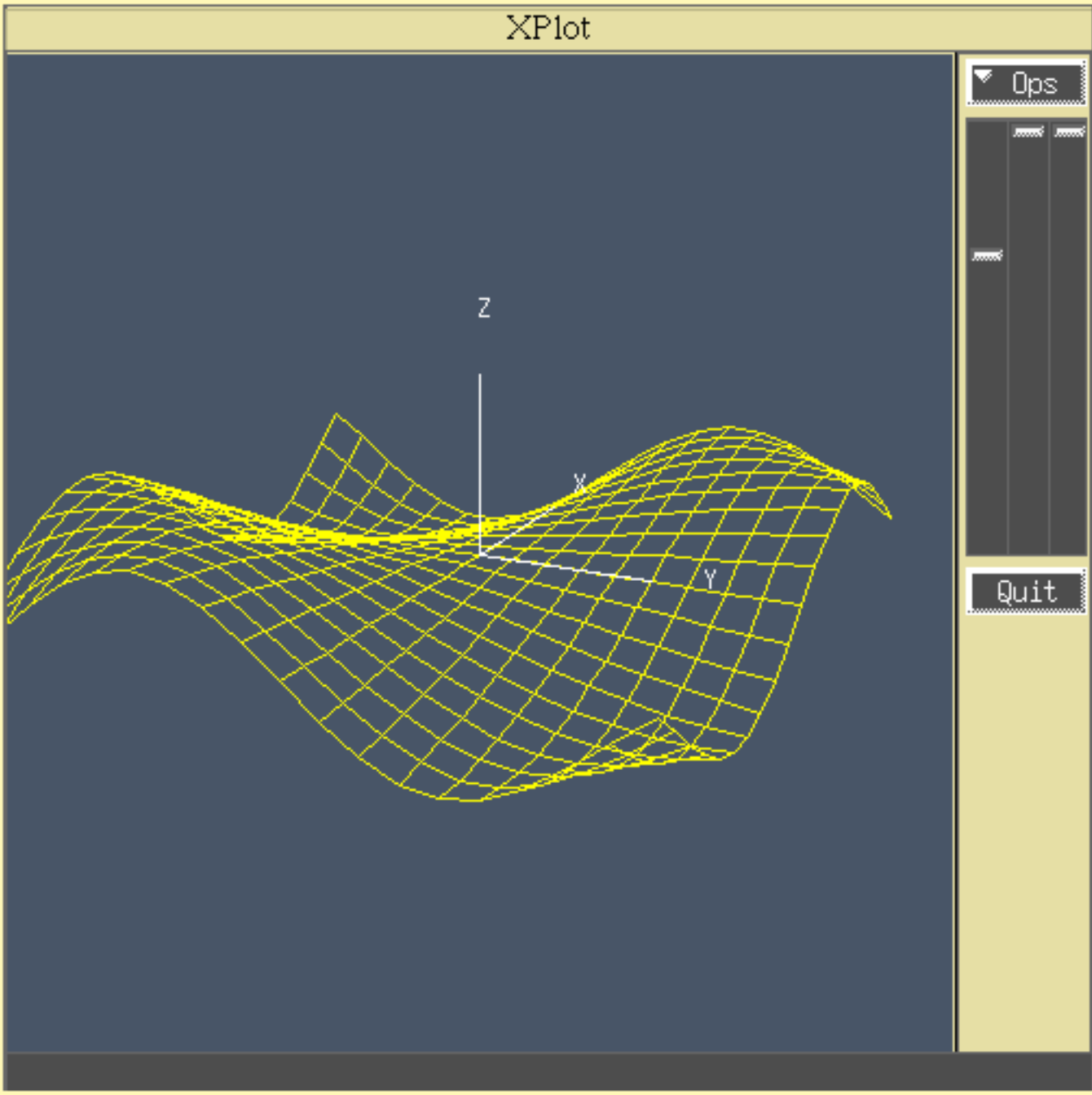
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XPlot

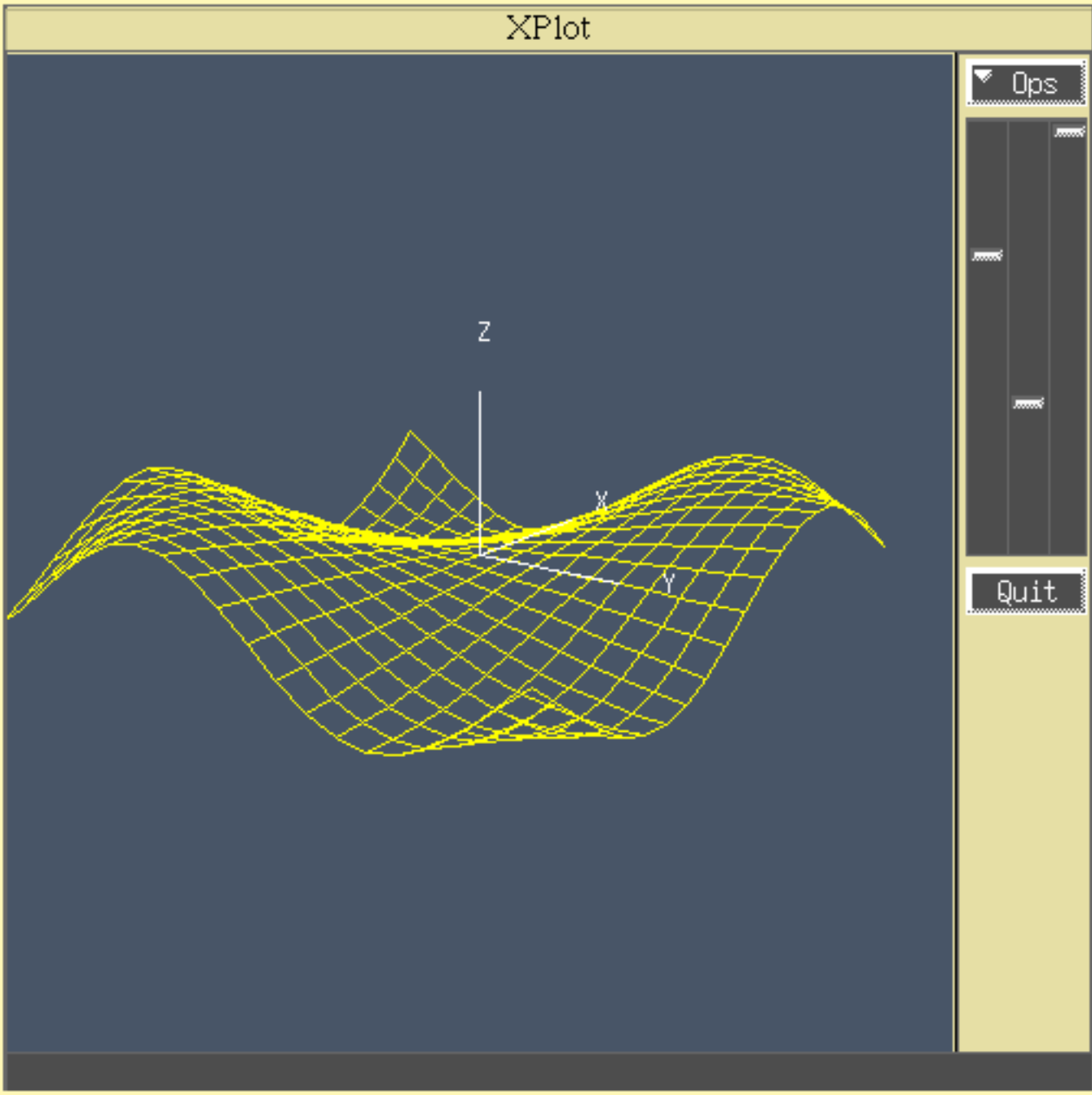
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```
file /usr/work/vplot/off/x29.geom  
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XPlot

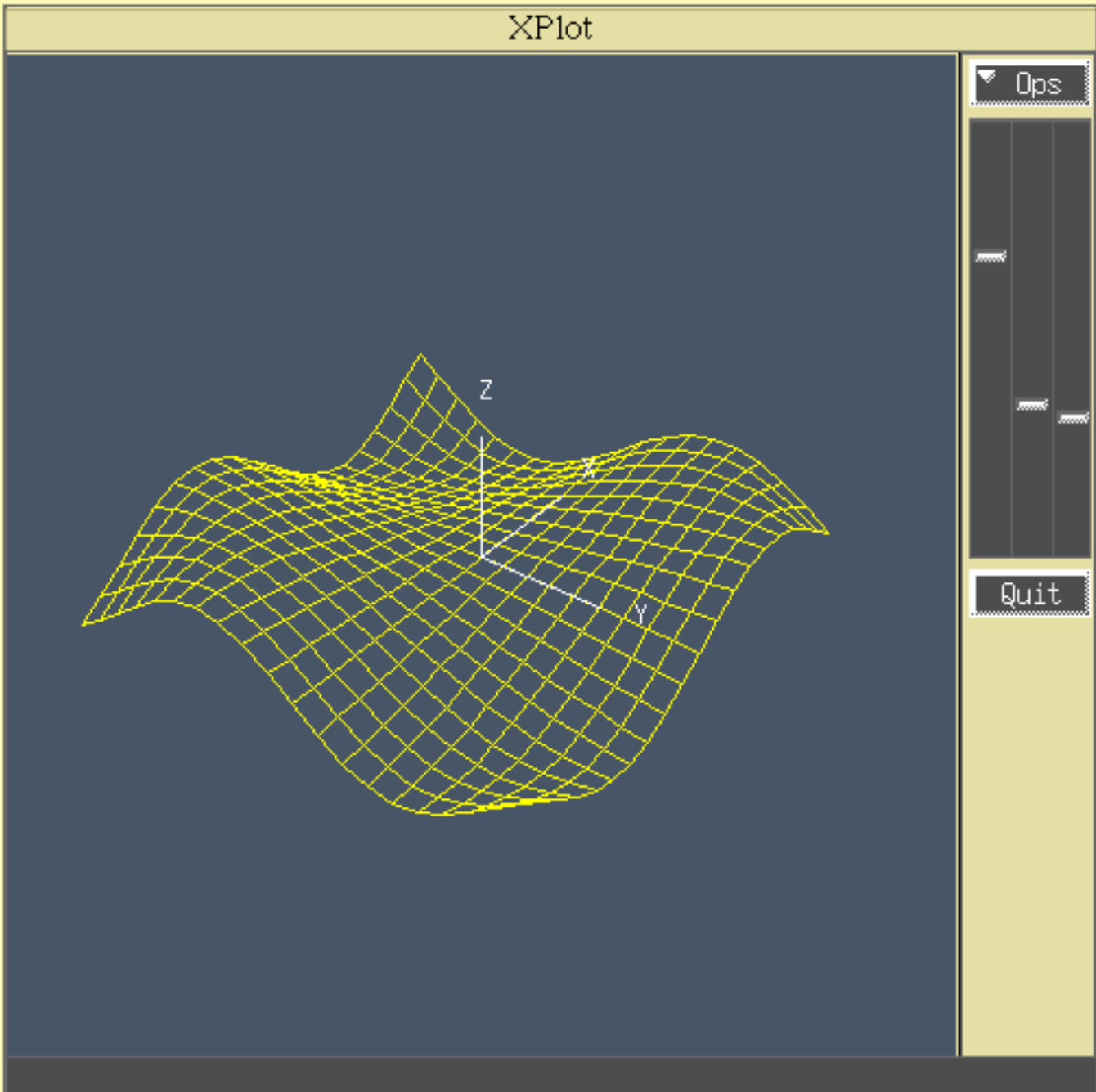
Here's a viola front-end to xplot, which is embedded into *this* document.



```
file /usr/work/vplot/off/x29.geom  
equation .4 * sin(.4 * x + y)
```

XPlot

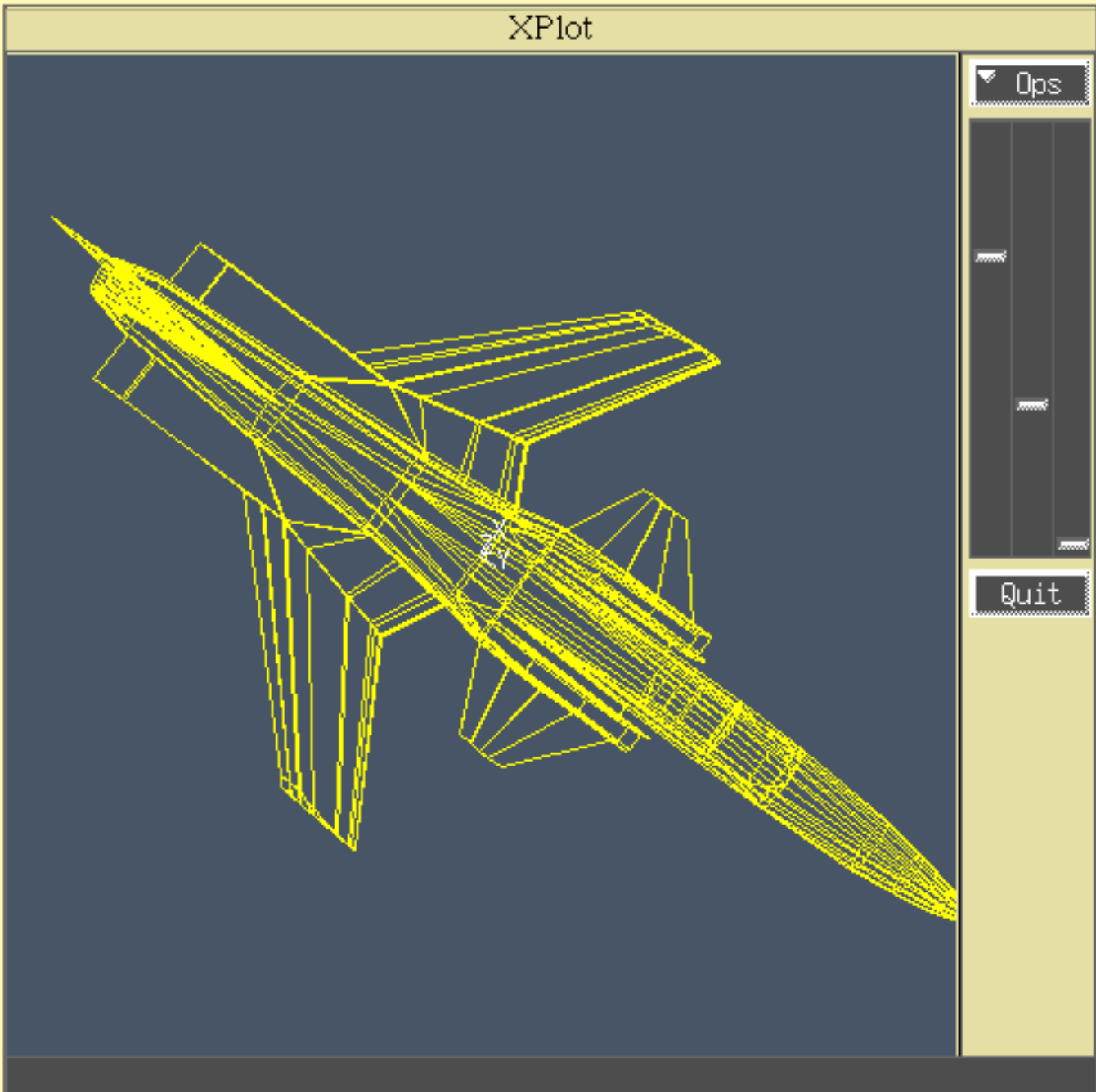
Here's a viola front-end to xplot, which is embedded into *this* document.



```
file /usr/work/vplot/off/x29.geom  
equation .4 * sin(.4 * x + y)
```

XPlot

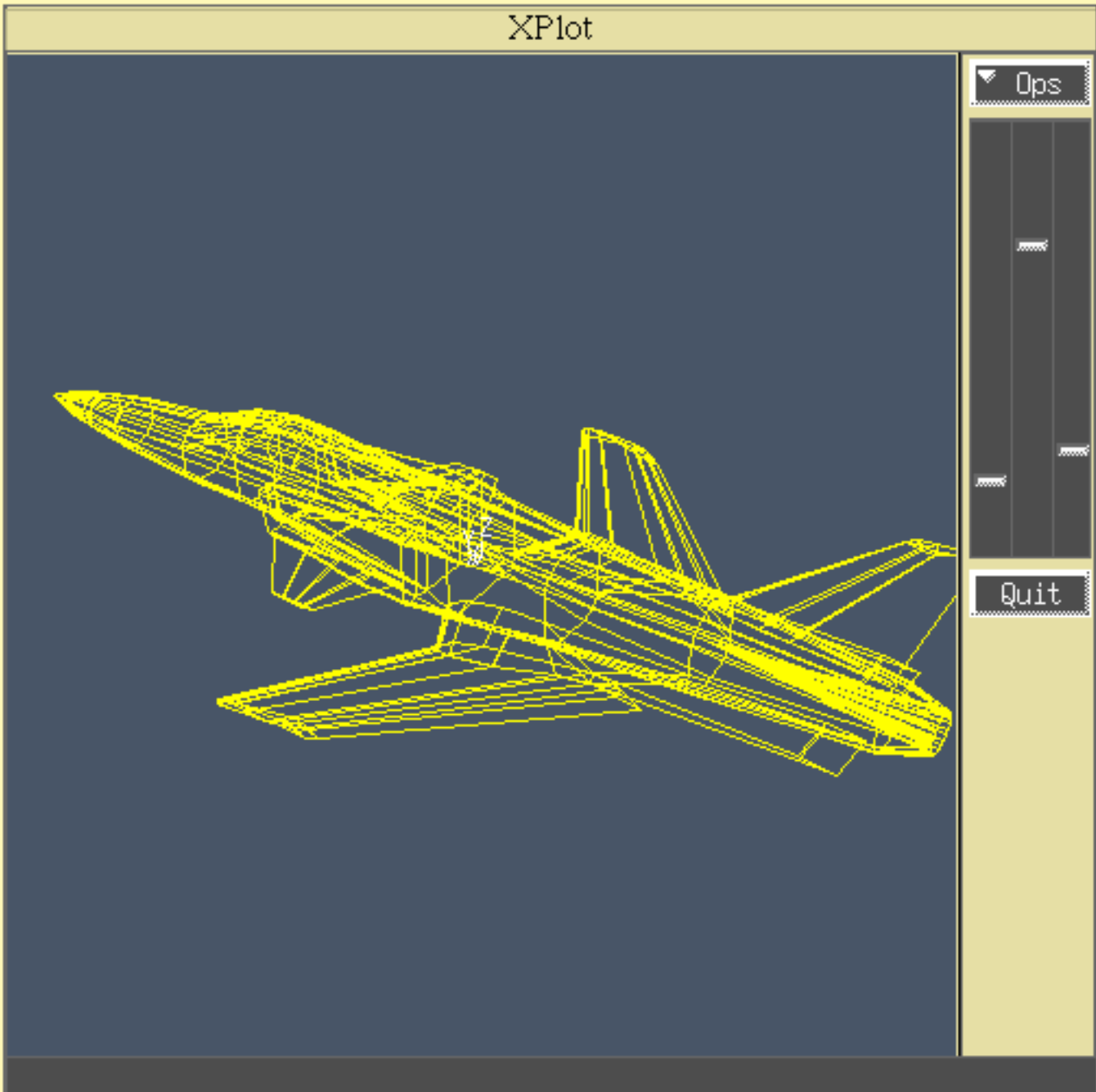
Here's a viola front-end to xplot, which is embedded into *this* document.



```
file /usr/work/vplot/off/x29.geom
equation .4 * sin(.4 * x + y)
```

XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.

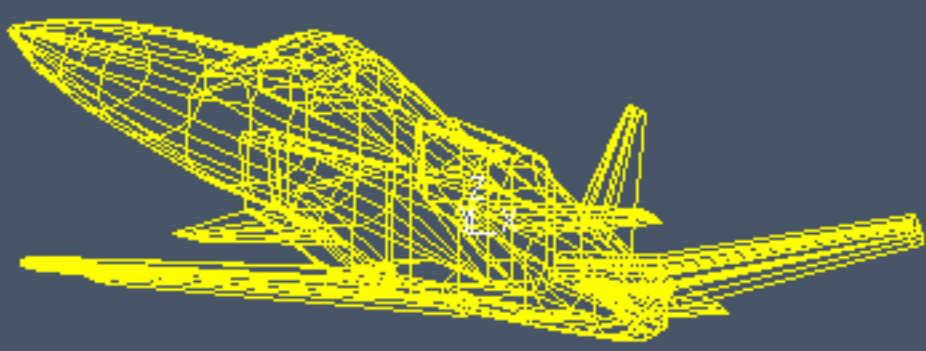


```
file /usr/work/vplot/off/x29.geom
equation .4 * sin(.4 * x + y)
```


XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.

XPlot



Ops

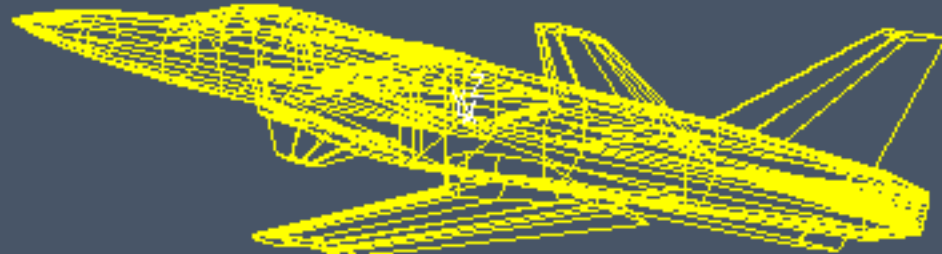
Quit

```
file /usr/work/vplot/off/x29.geom  
equation .4 * sin(.4 * x + y)
```

XPlot

Here's a viola front-end to xplot, which is embedded into *this* document.

XPlot



Ops

Quit

```
file /usr/work/vplot/off/x29.geom  
equation .4 * sin(.4 * x + y)
```

```
client% pwd
/home/wei/violaTOGO
client% ls -l RUN,SPIDER src/spider/spider src/spider/sgmls
-rwxr-xr-x  1 wei          496 Oct 16  1993 RUN,SPIDER
-rwxr-xr-x  1 wei       180224 Oct 16  1993 src/spider/sgmls
-rwxr-xr-x  1 wei     2048000 Oct 16  1993 src/spider/spider
client% █
```



ViolaWWW Hypermedia Browser

file://client/home/weil/violaTOGO/www/docs/about_localVersion.html



ViolaWorldWideWeb Hypermedia Browser

1993.3.7

ViolaWWW implements an XWindows browser to the [World Wide Web](#) system.

This browser has the [basic features](#) of of hypertext navigation mechanisms: clickable hot-words, history list. It has keyword search entry field, and can do page cloning (multiple windows). There exists a simple printer hook, and a document source viewer.

This version of ViolaWWW support two separate DTDs -- HTML (which includes extensions such as inlined images) and [HMML](#). A simple [stylesheet mechanism](#) is supported. The book-mark lists have been depreciated.

ViolaWWW is built using the [Viola hypermedia toolkit](#), and now also comes with a [Motif front end](#).

See the [demo documents](#).

Connect to the [Viola Central](#) for more info regarding this software.

Acknowledgements

The [Experimental Computing Facility](#) (XCF) at U.C. Berkeley supported the initial work on the Viola project. Current work on Viola and its applications is supported by [O'Reilly & Associates](#).

Most importantly, my sincere thanks go to all the [people who've contributed](#) to Viola in various ways -- with bug reports, suggestions, code patches, moral encouragements, etc. You know who you are. Thanks.

Contacts

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Back Up

Previous

Next

Show Source

Clone Page

Open Document via URL (Universal Resource Locator)

Protocol:

http

Machine Name Component:

File Name Component:

file

client

home/wei/violaTOGO/www

Complete URL: Protocol:// MachineName / FileName

http://server/home/wei/violaTOGO/www/docs/about_localVersion.html

Open URL

Cancel



ViolaWWW Hypermedia Browser

http://server/home/wei/violaTOGO/www/docs/about_localVersion.html



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Back Up

Previous

Next

Show Source

Clone Page



HMML

<http://server/home/wei/violaTOGO/docs/viola/aboutHMML.html>

Hyper Media Markup Language

Viola's HMML DTD is very similar to, and will merge with, the HTMLplus DTD that is currently undergoing the standardization process. The intention is that eventually the HMML in viola will basically conform to and/or become HTMLplus.

A brief background on why the HMML DTD (as the it is in Viola) is not exactly the same as the HTMLplus DTD. About late '92, it was decided that ViolaWWW's second generation development effort should **ideally** be directed towards that of a browser capable of handling document of multiple DTDs. Still far from the "ideal", but towards that end, and as part of this author's SGML learning process, a small experimental DTD was created, called "HMML".

Since the definition of the HTMLplus DTD got underway, however, HMML started to pick up various details of HTMLplus, such as tables and input forms. Perhaps viola's HMML can truly be also-known-as HTMLplus, by the time this software is in general release.

Like HTMLplus, HMML is most significantly different from HTML in that many elements are now containers rather than separators.

Please refer to the [hmml.dtd](#) for details of the HMML DTD.

Also see the [demo documents](#).

Pei

Search:

Back Up

Previous

Next

Show Source

Clone Page



Table test

http://server/home/wei/violaTOGO/docs/tests/testTableAll.htmmlb

Almost exactly as specified in HTMLplus DTD. Except for requirement of <P> within <TD>. This is so that <TD> is a container, possibly containing <P>, or another table, etc.

	average		other
	height	weight	category
males	1.9	.003	yyy
females	1.7	.002	xxx

Figure 1: An Example of a Table

A table with a cell being colspan=2 and have lots of text.

L1 City	Balloon explode explode explode explode explode explode explode explode explode explode explode explode explode explode explode explode exploding!	more foobars
L2 Berlin	Bees	
L3 SF	masdgfooba	

Curious table

Table without border

	Figure 2		
	height	weight	category
males	1.9	.003	yyy
females	1.7	.002	xxx

Search:



test input

http://server/home/wei/violaTOGO/docs/tests/testInputAll.hmmlb

FORM samples

This document contains a variety of forms as supported by viola, in HMML.

Please enter your name:

wei

age:

Sex:

Male Female

Submit Form

Pizza sizes

small medium large

Toppings

add 25 cents for each topping

Anchovies Salami Sausage
 Green peppers Mushrooms Artichokes

Red hot pepper density: (number of shakes -- 9 is ideal)

Search:

Back Up

Previous

Next

Show Source

Clone Page



test input

http://server/home/wei/violaTOGO/docs/tests/testInputAll.hmmlb

FORM samples

This document contains a variety of forms as supported by viola, in HMML.

Please enter your name:

wei

age:

37

Sex:

Male

Female

Submit Form

Pizza sizes

small

medium

large

Toppings

add 25 cents for each topping

Anchovies

Salami

Sausage

Green peppers

Mushrooms

Artichokes

Red hot pepper density: (number of shakes -- 9 is ideal)

9

Search:

Back Up

Previous

Next

Show Source

Clone Page



test input

http://server/home/wei/violaTOGO/docs/tests/testInputAll.htmlb

Red hot pepper density: (number of shakes -- 9 is ideal)

70

Cheese density: (50% is recommended)

50

Tomato sauce depth: (in millimeters. 3 is nice and moist)

3

Option menu

▼ San Francisco

Which city are you going to? aftereffect afterglow afterimage afterli
fe aftermath
afternoon afterthought afterward afterword again against Agamem
non agate Agatha

Submit Form

Radio buttons.

Signature

Clear pad

Submit Form

Search:

|



test input

http://server/home/wei/violaTOGO/docs/tests/testInputAll.htmlb

Red hot pepper density: (number of shakes -- 9 is ideal)

70

Cheese density: (50% is recommended)

50

Tomato sauce depth: (in millimeters. 3 is nice and moist)

3

Option menu

▼ San Francisco

Which city are you going to? aftereffect afterglow afterimage afterli
fe aftermath
afternoon afterthought afterward afterword again against Agamem
non agate Agatha

Submit Form

Radio buttons.

Signature

Clear pad

John Hamer

Submit Form

Search:

Back Up

Previous

Next

Show Source

Clone Page



World Wide Web Arts

<http://server/home/wei/violaTOGO/docs/gallery/w3.html>

World Wide Web Arts

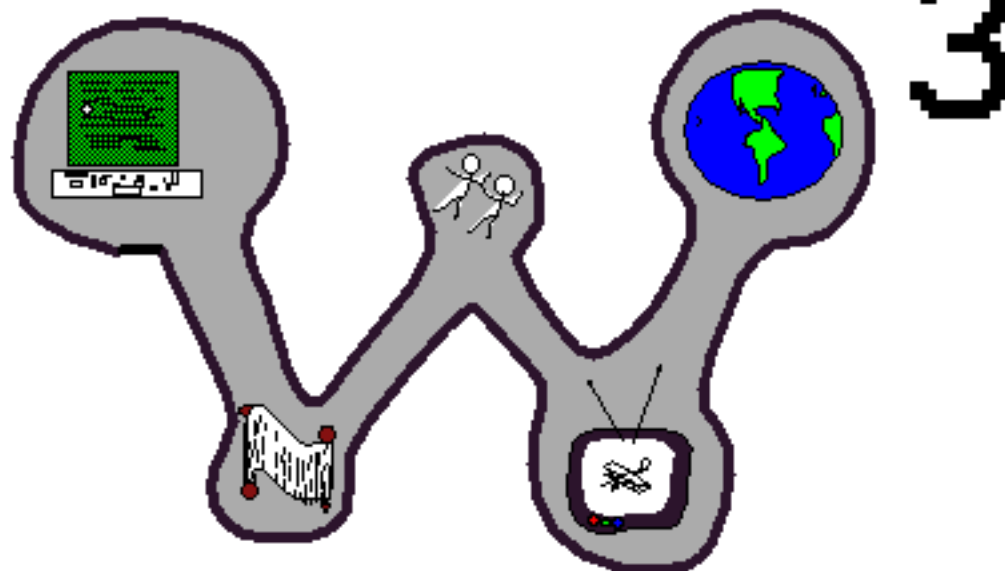
Please submit more Web arts to be included here.

T-Shirt Candidates

This is a collection of graphics that might be suitable for printing on T-Shirts.

“The W3 with Icon Nodes”

world wide web



WorldWideWeb = WWW = W^3 , or simply "W3". The nodes in this amorphous "W" is represented by a few essential ideas of the W3 that are merging. The computer icon

Search:

[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



RandoMyster's Waves

<http://server/home/wei/violaTOGO/docs/gallery/randommyster.hmm1b>

Title

Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

Search:

[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



RandoMyster's Waves

<http://server/home/wei/violaTOGO/docs/gallery/randommyster.htm#lb>

Title

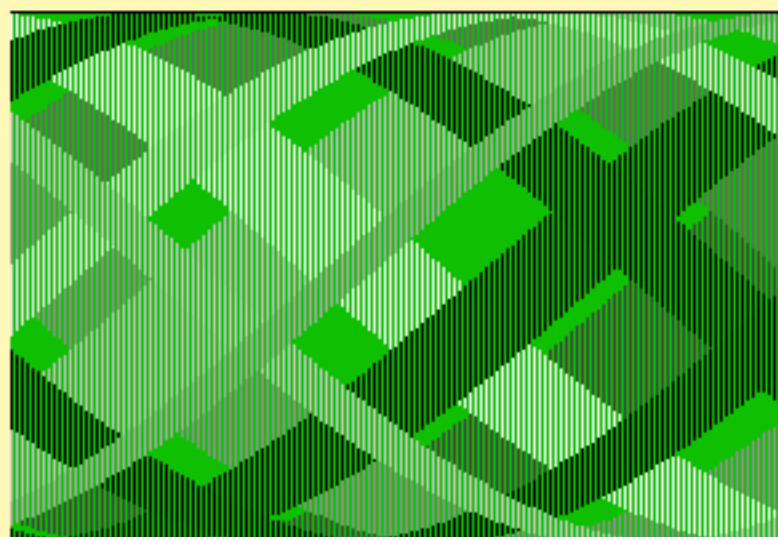
Brush Motion

Artist

Rando "random art does not apologize" Myster

Date

1993, March 7, before breakfast



New Color

Warning: playing with color too much will take all the color resources... (Yes, this is a bug).

Search:

[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



Test misc

http://server/home/wei/violaTOGO/docs/tests/testAll.html

Header 1

Header 2

Header 3

See the [mottd](#) for useless messages. Here is an ordered list:

- 1 socks
- 2 scarf
- 3 pillows

And an unordered list.

- rubber ball.
- I recollect that, when a stripling, my first exploit in squirrel-shooting was in a grove of tall walnut-trees that shades one side of the valley. I had wandered into it at noontime, when all nature is peculiarly quiet, and was startled by the roar of my own gun, as it broke the Sabbath stillness around and was prolonged and reverberated by the angry echoes.
- If ever I should wish for a retreat whither I might steal from the world and its distractions, and dream quietly away the remnant of a troubled life, I know of none more promising than this little valley.

Definition lists:

First term

Definition paragraph starts here.

Search:

Test misc

http://server/home/wei/violaTOGO/docs/tests/testAll.html

```
[<!DOCTYPE html SYSTEM "html.dtd">
<HTML>
<HEAD>
<TITLE>Test misc</TITLE>
</HEAD>
<BODY>
<H1>Header 1</H1>
<H2>Header 2</H2>
<H3>Header 3</H3>
See the <A HREF="/etc/motd">motd</A> for useless messages.
Here is an ordered list:
<OL>
<LI>socks
<LI>scarf
<LI>pillows
</OL>
And an unordered list.
<UL>
<LI>rubber ball.
<LI>I recollect that, when a stripling, my first exploit in
squirrel-shooting was in a grove of tall walnut-trees that shade
one side of the valley. I had wandered into it at noontime, whe
all nature is peculiarly quiet, and was startled by the roar of
my own gun, as it broke the Sabbath stillness around and was
prolonged and reverberated by the angry echoes.
<LI>If ever I should
wish for a retreat whither I might steal from the world and its
distractions, and dream quietly away the remnant of a troubled
life, I know of none more promising than this little valley.
</UL>
Definition lists:
<DL>
<DT>First term
<DD>Definition paragraph starts here.
<DT>Second term
```

This is the source text from which the current document was generated.

Reload

Save

Save As...

Close



Embedded Viola objects

<http://server/home/wei/violaTOGO/docs/viola/violaApps.html>

Your name: wei

Your organization:

Check to be added to viola-announce@xcf.berkeley.edu

Space for any comments you might have.

Press to e-mail this off

Wave motion

More useful would be some kind of interactive equation plotter.



Search:

[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



Embedded Viola objects

<http://server/home/wei/violaTOGO/docs/viola/violaApps.html>

Your name:

Your organization:

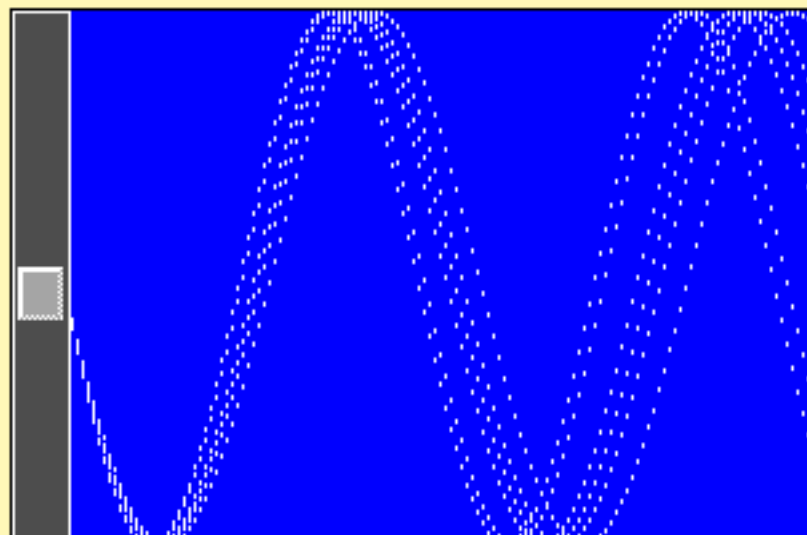
Check to be added to viola-announce@xcf.berkeley.edu

Space for any comments you might have.

Press to e-mail this off

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Search:

[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



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<http://server/home/wei/violaTOGO/docs/viola/violaApps.html>

Your name:

Your organization:

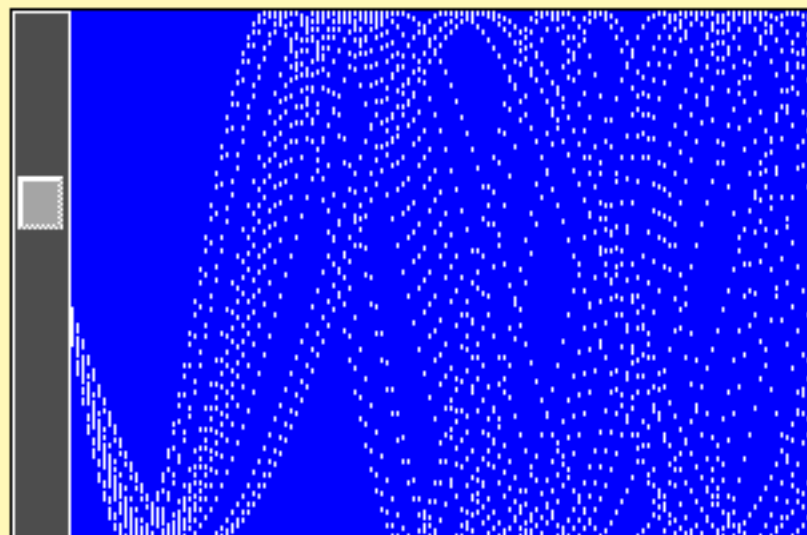
Check to be added to viola-announce@xcf.berkeley.edu

Space for any comments you might have.

Press to e-mail this off

Wave motion

More useful would be some kind of interactive equation plotter.



Search:

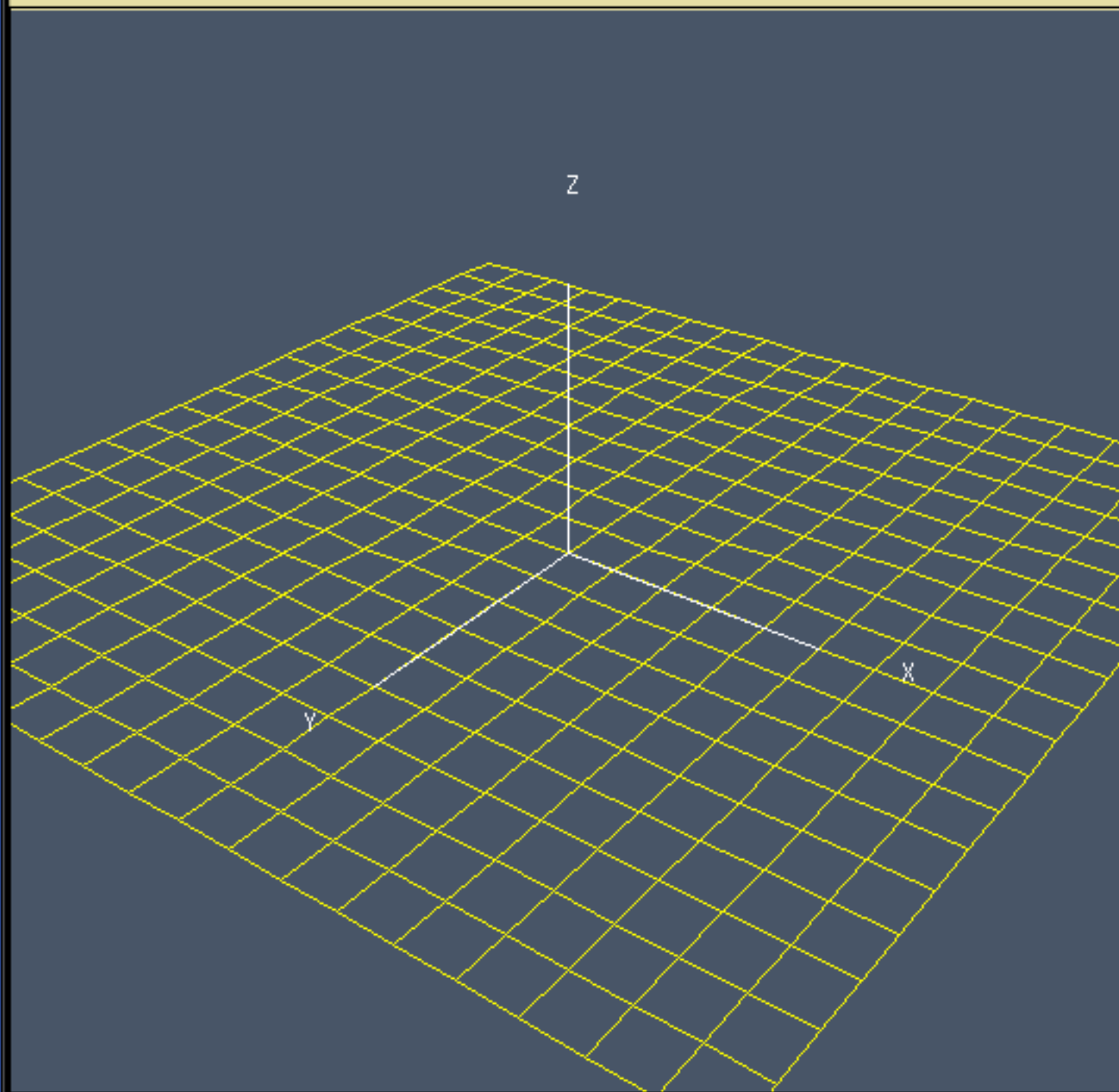
[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



plot

<http://server/home/wei/violaTOGO/demo/objs/plot.v>

XPlot



Ops

Quit

Search:

[Back Up](#)

[Previous](#)

[Next](#)

[Show Source](#)

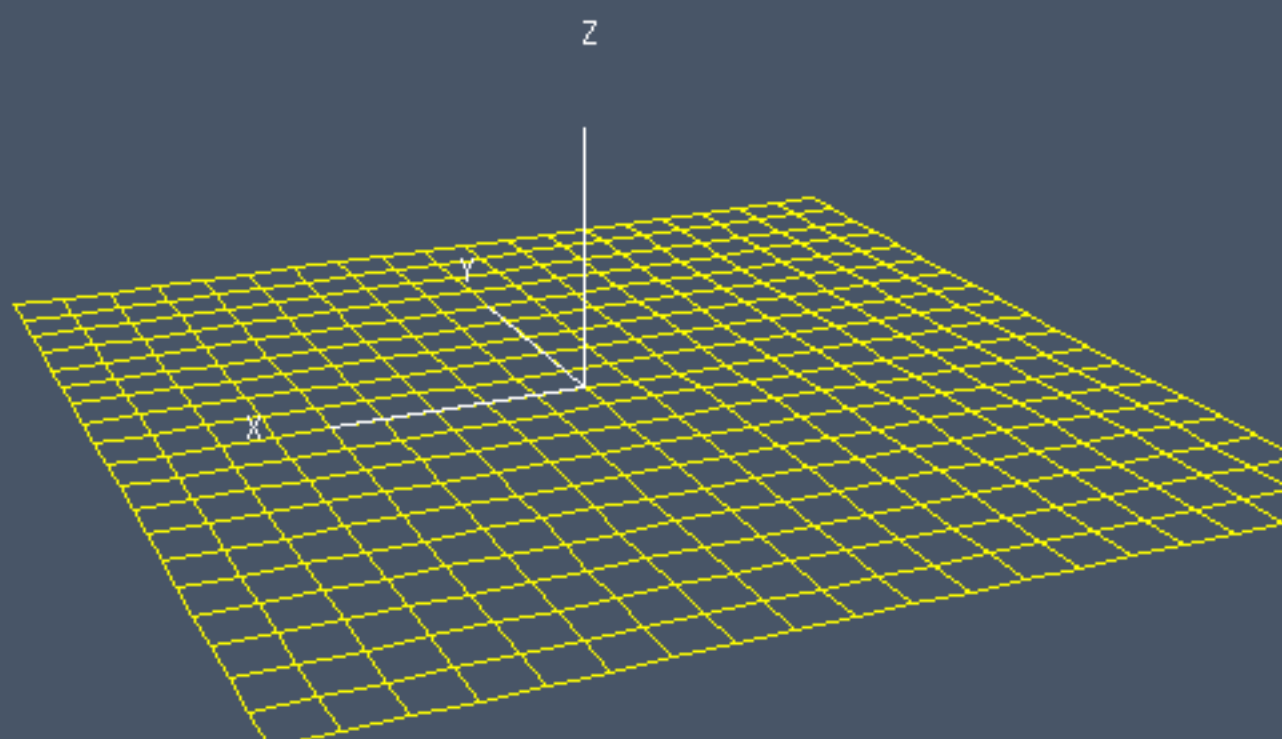
[Clone Page](#)



plot

<http://server/home/wei/violaTOGO/demo/objs/plot.v>

XPlot



Ops

Quit

Search:

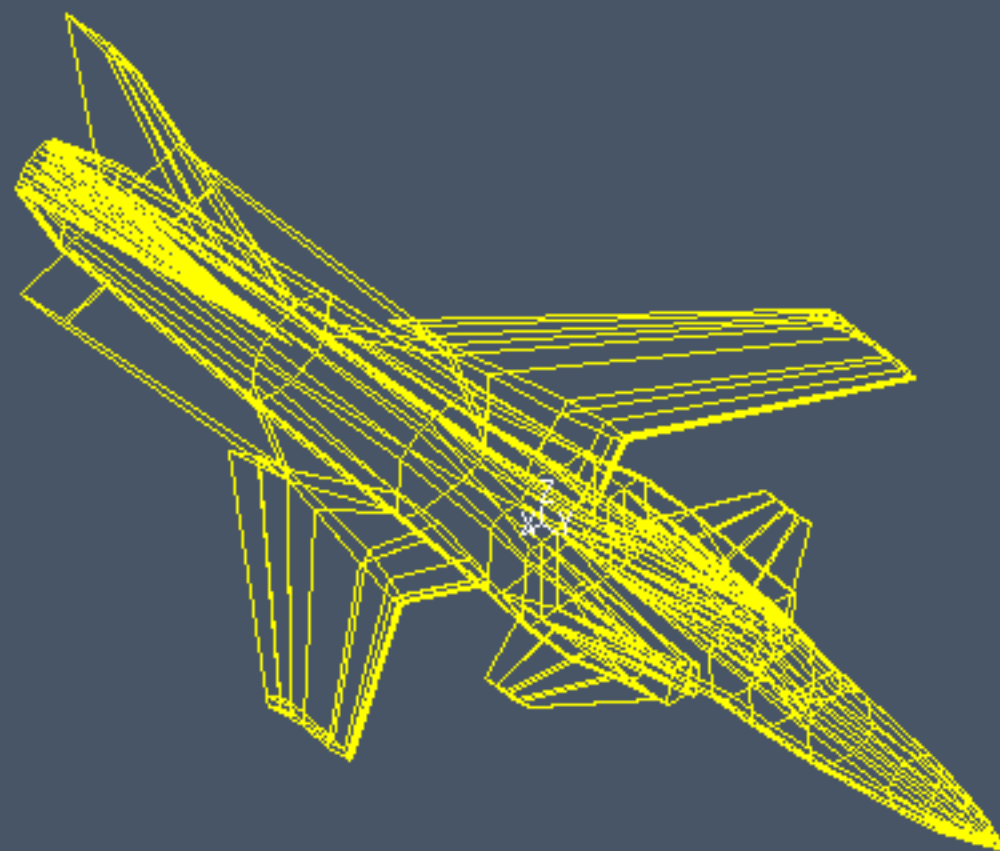
[Back Up](#)[Previous](#)[Next](#)[Show Source](#)[Clone Page](#)



plot

http://server/home/wei/violaTOGO/demo/objs/plot.v

XPlot



Ops

Quit

Search:

[Back Up](#)

[Previous](#)

[Next](#)

[Show Source](#)

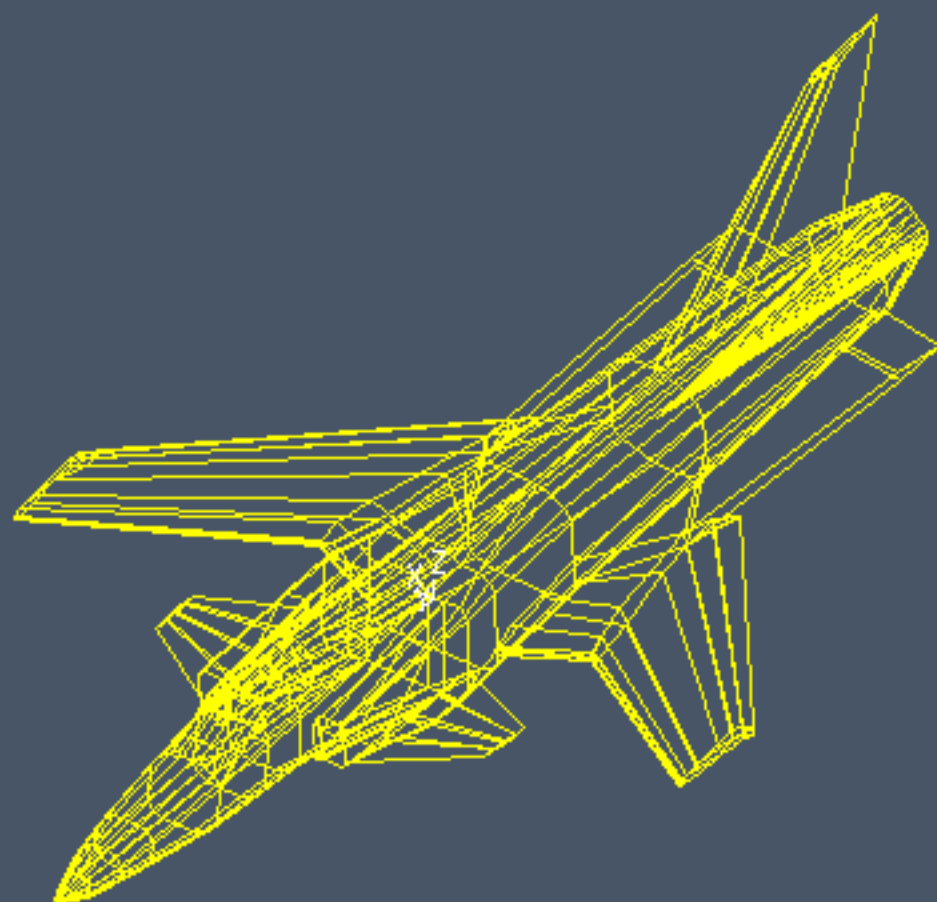
[Clone Page](#)



plot

<http://server/home/wei/violaTOGO/demo/objs/plot.v>

XPlot



Ops

Quit

Search:

[Back Up](#)

[Previous](#)

[Next](#)

[Show Source](#)

[Clone Page](#)



Embedded Viola objects

<http://server/home/wei/violaTOGO/docs/viola/violaApps.html>

Embedding Viola Objects in HMML Document

The <VOBJF> tag can be used to insert viola applications into a document. Since a viola objects are programmed, this is also a way to link programming into the document.

The <VINSERT> tag has similar functionality, but executes the script and inserts the result of the execution.

Of course, too much violaism reduces the portability of your document on the World Wide Web. But anyway, this is neat... This tag should be depreciated and use <EMBED> instead, and treat viola objects as foreign data types, like postscript.

Ideas for dealing with security include: disabling these objects' priviledge to execute system sensitive commands such as `system()`; Limit the scope of the messaging to be only among the objects related to the document... This is an open question, so I (pei@ora.com) would be interested in ideas.

Here are a couple of examples of embedded viola applications (objects).

User Survey

This form isn't done with HTML+ input form. It's a a viola application that's a form. This particular example is obsolete since the advant of HTML+ forms, but potentially this is useful for building arbitrary new form devices that aren't in the HTML+ standard.

ViolaWWW User Survey

Please take a few moments to fill out this form for a users survey. Thanks.

Your E-Mail address:

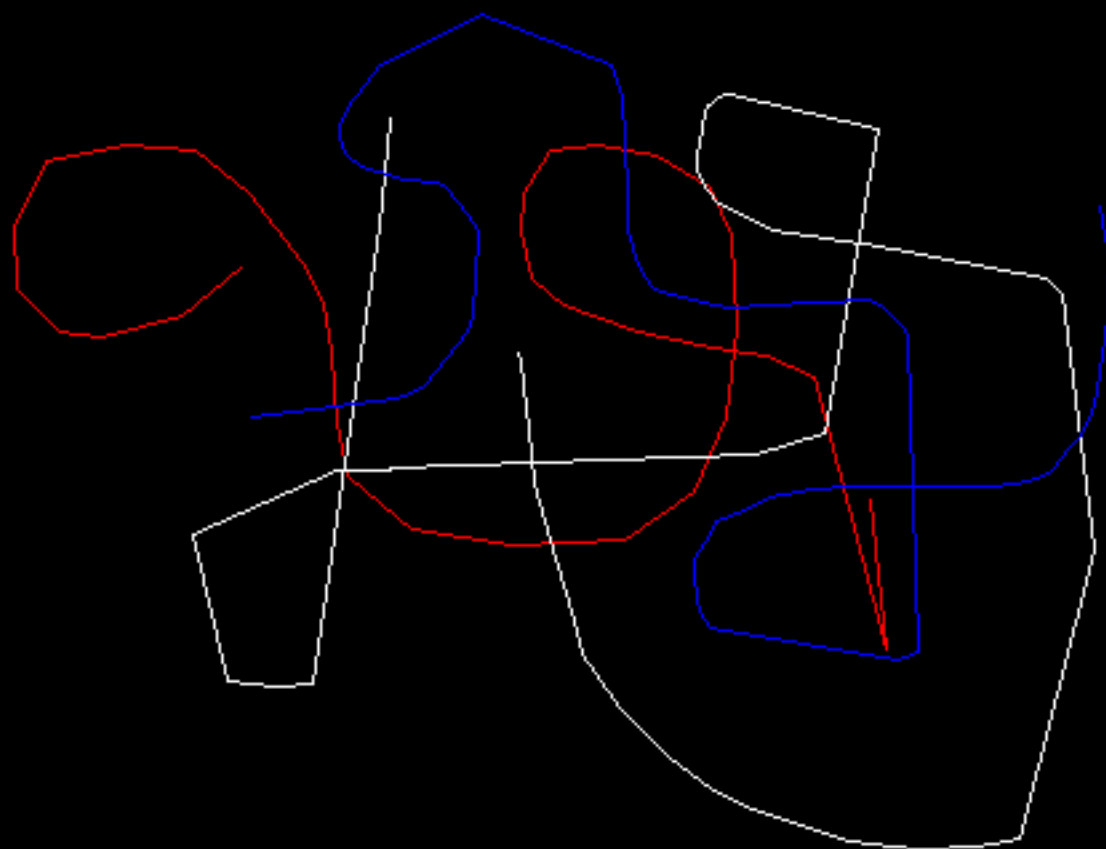
Search:



doodle

file:/home/wei/violaTOGO/demo/objs/doodle.v

▼ Operation ▼ Brushes ▼ Colors



Search:

[Back Up](#)

[Previous](#)

[Next](#)

[Show Source](#)

[Clone Page](#)