Allows Hiding. Once hidden, should show a small icon, when clicked, it will slide back

Data by rows. Adjusted automatically by sizing

Shows sub boxes. Can have any controls in them

My Workspaces

2 following, 2 observing and 1 author

5 Items for review

DAC TI Research

3 involved | 5 new responses | com.

2 new uploads | 1 new member

HI-Frequency Testing

2 involved | 0 new responses | tech

My Private Space

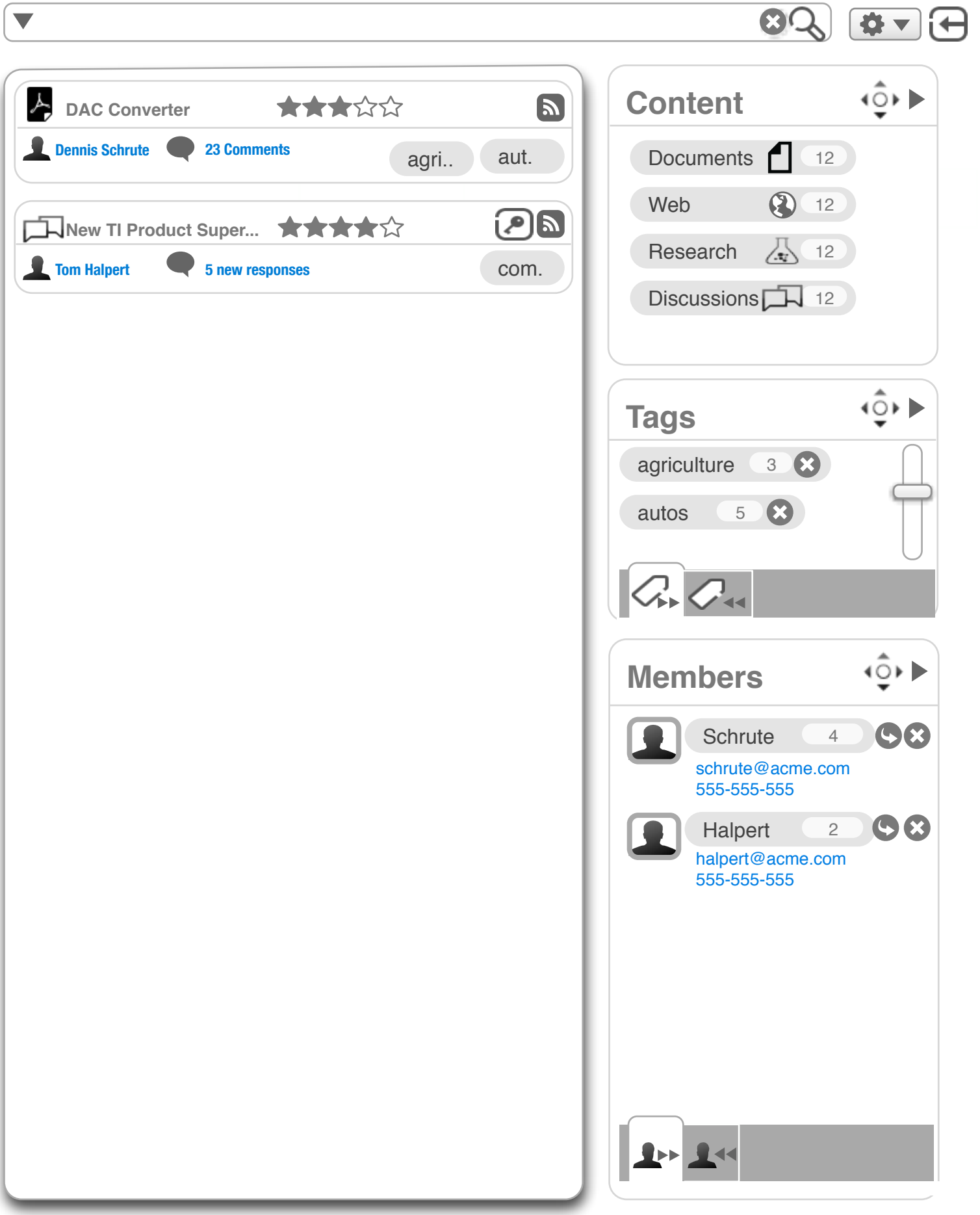
Content

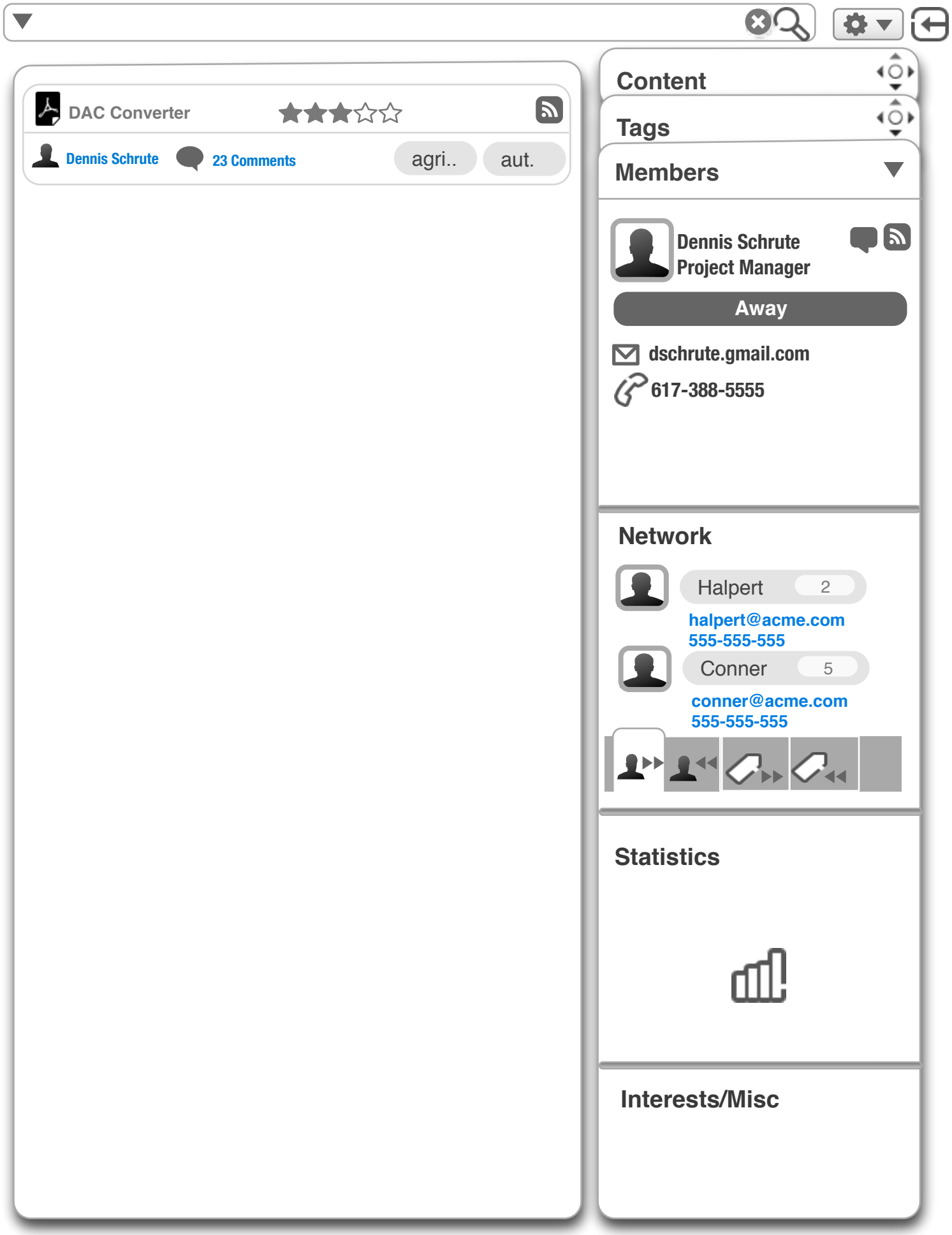
2 | 12 | 12 | 5

Tags

People

Schrute 4 | Halpert 2


DAC Converter
Dennis Schrute
23 Comments
agri..
aut.
New TI Product Super...
Tom Halpert
5 new responses
com.
Content
Documents 12
Web 12
Research 12
Discussions 12
Tags
agriculture 3
autos 5
Members
Schrute 4
schrute@acme.com
555-555-555
Halpert 2
halpert@acme.com
555-555-555


DAC Converter
Dennis Schrute
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Content
Tags
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617-388-5555
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Halpert
2
halpert@acme.com
555-555-555
Conner
5
conner@acme.com
555-555-555
Statistics
Interests/Misc

DAC Converter

Dennis Schrute 23 Comments agri.. aut.

Content

Tags

agriculture 3

autos 5

0-9
A
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X
Y

Will show tagcloud from home page

Members

DAC TI Research

30 Content Types 3 Programs 5 Contributors

Activity

Deborah Jackson added comment to Research Draft V2

3 hours ago

Randy Jackson published web bookmark Extended Paper.

2 days ago

Content

Documents	12
Web	12
Research	12
Discussions	12

Tags

agriculture	3
autos	5

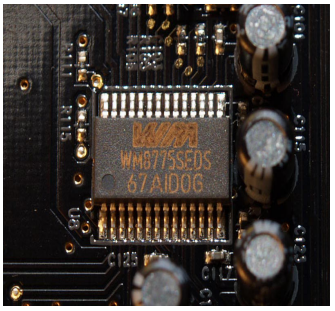
Contributors

Halpert	2
Conner	5

DAC TI Research

30 Content Types | 3 Programs | 5 Contributors

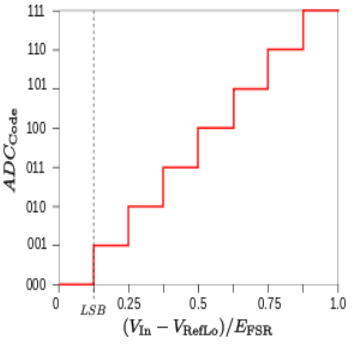
Summary



Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean.

A small river named Duden flows by their place and supplies it with the necessary regelialia. It is a paradisematic country, in which roasted parts of sentences fly into your mouth.

Concepts



The resolution of the converter indicates the number of discrete values it can produce over the range of analog values. The values are usually stored electronically inbinary form, so the resolution is usually expressed in bits. In consequence, the number of discrete values available, or "levels", is a power of two. For example, an ADC with a resolution of 8 bits can encode an analog input to one in 256 different levels, since $2^8 = 256$. The values can represent the ranges from 0 to 255 (i.e. unsigned integer) or from −128 to 127 (i.e. signed integer), depending on the application.

Content

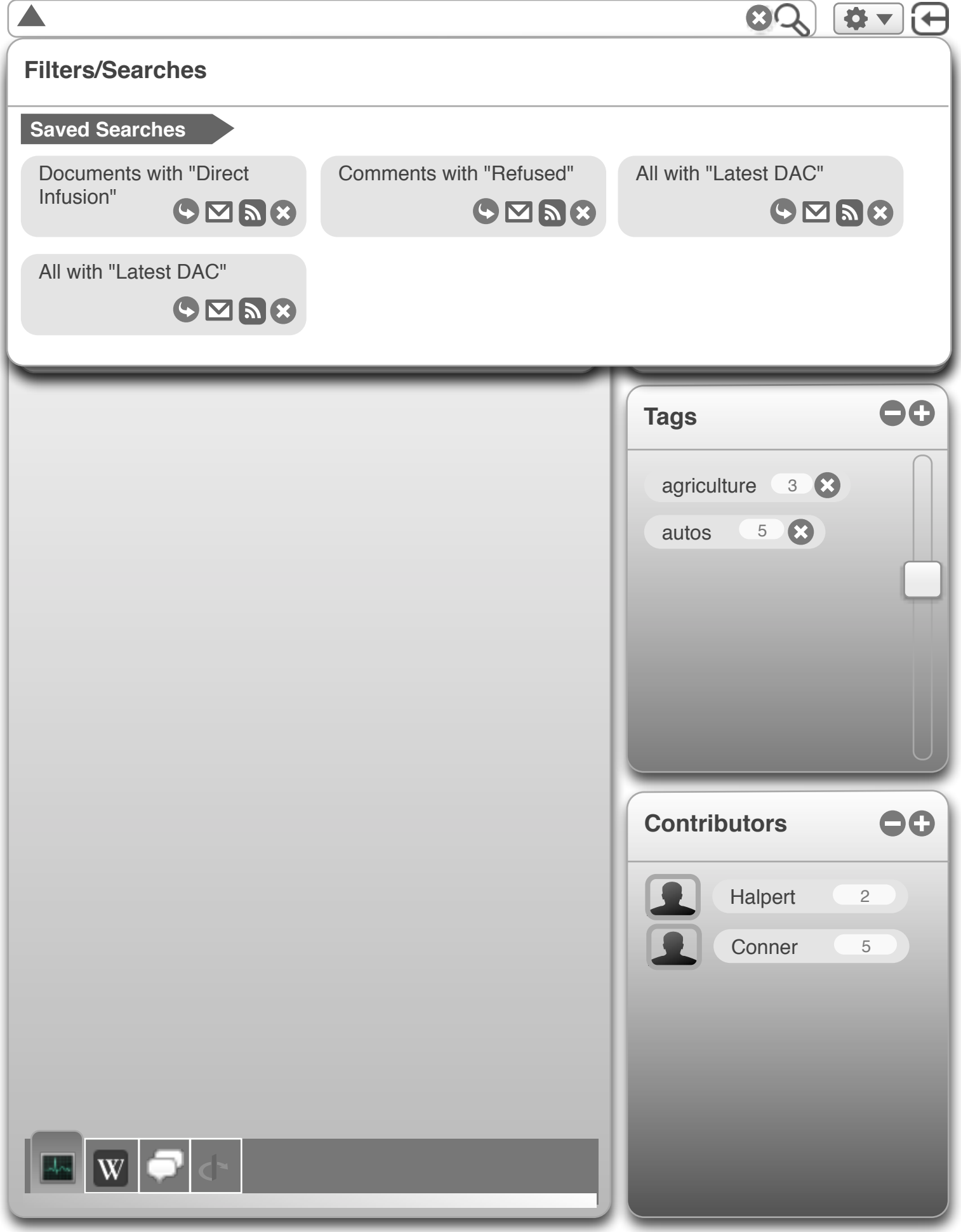
- Documents 12
- Web 12
- Research 12
- Discussions 12

Tags

- agriculture 3
- autos 5

Contributors

- Halpert 2
- Conner 5


Filters/Searches
Saved Searches
Documents with "Direct Infusion"
Comments with "Refused"
All with "Latest DAC"
All with "Latest DAC"
Tags
agriculture 3
autos 5
Contributors
Halpert 2
Conner 5

DAC Converter

Describes the converter's abilities and limitations

23 Comments Dennis Schrute

Preface

The personal computer brought in a whole new era of electronic sophistication. With it, we have immense amounts of digital computing power located right at our desk.
Computers work well when they are connected to each other, and digital data can be transferred quite reliably from machine to machine.

However, the minute you wish to connect a digital computer to some “real world” device (such as a wind speed indicator or fuel level sensor) you need to design a circuit that interfaces an analog device to the digital computer. In many cases, this involves the conversion from an analog voltage to a digital representation of that voltage.

This set of Stamps in Class experiments will explore many of the basic principles of interfacing analog devices to digital microcontrollers. Many times this involves the use of easy-to-use commands built right into the BASIC Stamp, and at other times requires the use of a an “analog to digital converter”.

Why should we be interested in converting from analog to digital? Many different aspects of our lives are dependent upon this conversion process. Some are not too critical to our survival like compact disc players, telephone systems, and music. Others, however, might
be critical. Medical equipment and sensors often require analog to digital and digital to analog conversion.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