

May 02, 04 2:32

Index.html

Page 1/3

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<HTML>
<HEAD>
  <META http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <META http-equiv="Content-Language" content="en-US">
  <TITLE>Image Selective Encryption Home</TITLE>
</HEAD>

<BODY bgcolor="#FFFFFF" text="#000000" link="#0000FF"
vlink="#FF0000" alink="#FF0000" >

<TABLE bgcolor="#003300" align="center" width="100%">
  <tr>
    <td>
      <P>
        <FONT size="+1" color="#FFFFFF">
          <B>University of Colorado Computer Science Department</B><br>
          2003-2004<br>
        </FONT>
        <FONT size="+2" color="#FFFFFF">
          <B>ISE JPEG Selective Encryption Home Page</B>
        </FONT>
      </P>
    </td>
  </tr>
</TABLE>

<!-- These Script Commands import the menu bar. The bar was created using
Xsara Menu Maker. This tool generated the javascript files used.
These files were not written by the team.
-->

<P align="center">
  <SCRIPT src="images/menu/menu.js" type="text/javascript"></SCRIPT>
  <SCRIPT src="images/menu/isemenu.js" type="text/javascript"></SCRIPT>
</P>

<H1 align="center">
  
</H1>

<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
  <B>Introduction</B>
</FONT>
</P>

<P align="left">
  <FONT size="4">
  This website represents a team of students at the University of Colorado at
  Boulder Computer Science Department. Under the sponsorship of Assistant
  Professor Tom Lookabaugh, Team ISE has researched and developed a method of
  Selective Encryption for the JPEG Baseline Compression Standard. The
  research was done for the Senior Project required by the University of
  Colorado Department of Computer Science.
  <br>
  <br>
  This site serves as a distribution resource for the work done by Team ISE.
  This site contains a C++ class that implements the team's Selective
  Encryption method, a tool to manipulate portions of Baseline JPEG files,
  and all of the documentation developed by the team relevant to the
  product and their reaserch.
  <br>
  <br>
  </FONT>
</P>

<P align="center">

```

Sunday May 02, 2004

Team ISE

May 02, 04 2:32

Index.html

Page 2/3

```

  
</P>

<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
  <B>Site Navigation</B>
</FONT>
</P>

<P>
  <FONT size="4">
  This site is divided into nine sections:
  <br>
  <br>
  <a href="index.html" charset="ISO-8859-1"><B>Home</B></a>
  <br>
  The Home page, which is the current page, provides an introduction and
  relays information about the website.
  <br>
  <br>
  <a href="documents/ProjectProposal.pdf" target="_blank"
  charset="ISO-8859-1"><B>Project Proposal</B></a>
  <br>
  The project proposal is a PDF document giving a high level proposal for
  the Team ISE project.
  <br>
  <br>
  <a href="DocumentIndex.html" charset="ISO-8859-1"><B>Documentation</B></a>
  <br>
  This section contains all of the documentation produced for the project.
  <br>
  <br>
  <a href="Download.html" charset="ISO-8859-1"><B>Downloads</B></a>
  <br>
  This section contains links to download the C++ class as well as other
  tools developed by the team or relevant to the project.
  <br>
  <br>
  <a href="Sponsor.html" charset="ISO-8859-1"><B>Project Sponsor</B></a>
  <br>
  This section contains (minimal) information on the project sponsor.
  <br>
  <br>
  <a href="Team_ISE.html" charset="ISO-8859-1"><B>Team Info</B></a>
  <br>
  This section contains (minimal) information on the members of Team ISE.
  <br>
  <br>
  <a href="Links.html" charset="ISO-8859-1"><B>Links</B></a>
  <br>
  This section contains links to relevant websites.
  <br>
  <br>
  <a href="board/index.php" charset="ISO-8859-1"><B>ISE Message Board</B></a>
  <br>
  This section directs the user to a message board set up by the team. The
  user can register and participate in any dialogs posted on the message
  board. Team ISE would appreciate users posting any comments they may have
  on the reasearch done by the team. The team would also appreciate the
  posting of any bugs found in the C++ library or the manipulator.
  <br>
  <br>
  <a href="Contact.html" charset="ISO-8859-1"><B>Contact Us</B></a>
  <br>
  This section provides contact information for Dr. Tom Lookabaugh and Team
  ISE.
  <br>
  <br>

```

1/2

May 02, 04 2:32

Index.html

Page 3/3

```

Users will find site a navigation menu under the header on every page,
with the exception of the message board. The user can navigate to the
different sections of the website by clicking on these buttons. Clicking
on the top level button will direct the user to that page. Some of the
menu buttons, such as the Documentation Button and the Download Button,
will display a submenu when hightled by the cursor. This allows the user
to jump directly to a specific document or download. <B>Note:</B> When
using the submenu to jump to documents a PDF file of the document will be
opened. If you want to download the document, click on the top-level
Documentation button. This will direct you to the document page where you
can choose to either view or download the documents. Team ISE recommends
new users visit the pages rather than using the quick links in the submenu.
The pages contain additional information which is useful to new users.
</FONT>
</P>

<P>
<FONT size="2">
This project was done by
<a href="http://www.colorado.edu" target="_blank">University of
Colorado</a>
students under the supervision of the
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Department</a>.
</FONT>
</P>

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<FONT size="2">
This website is located on a sever at the University of Colorado at
Boulder. Questions: Contact
<a href="http://www.cs.colorado.edu/people/tom_lookabaugh.html"
target="_blank">Tom Lookabaugh</a>
or
<a href="mailto:TeamISE@hotmail.com">TeamISE@hotmail.com</a>.
</FONT>
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<tr>
<td>
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<B>Team Image Selective Encryption Sponsored by Tom
Lookabaugh</B><br>
<B>Department of Computer Science</B><br>
<B>University of Colorado at Boulder</B><br>
<B>Boulder, CO 80309-0430</B><br>
<B>HTML 4.01 Transitional</B><br>
<B>Copyright &copy 2003-2004</B>
</FONT>
</P>
<P align="right">
<FONT color="#FFFFFF">
Last Updated: <B>5/1/04</B>
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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
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<META http-equiv="Content-Language" content="en-US">
<TITLE>Image Selective Encryption Documentation</TITLE>
</HEAD>
<BODY bgcolor="#FFFFFF" text="#000000" link="#0000FF"
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<TABLE bgcolor="#003300" align="center" width="100%">
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<P>
<FONT size="+1" color="#FFFFFF">
<B>University of Colorado Computer Science Department</B><br>
2003-2004<br>
</FONT>
<FONT size="+2" color="#FFFFFF">
<B>ISE JPEG Selective Encryption Documentation Page</B>
</FONT>
</P>
</td>
</tr>
</TABLE>
<!-- These Script Commands import the menu bar. The bar was created using
Xsara Menu Maker. This tool generated the javascript files used.
These files were not written by the team.
-->
<P align="center">
<SCRIPT src="images/menu/menu.js" type="text/javascript"></SCRIPT>
<SCRIPT src="images/menu/isemenu.js" type="text/javascript"></SCRIPT>
</P>
<H1 align="center">

</H1>
<P align="center">
<FONT color="#006600" face="Verdana" size="6">
<B>Documentation</B>
</FONT>
</P>
<P>
<FONT size="4">
This page contains links to various documents produced by Team ISE while
working on the project. Access the different documents by clicking on the
buttons below. If using an Adobe PDF reader, the documents may be saved
by clicking on the save button. All documents are in PDF format.
References may be made to all documentation, however ISE does not give
anyone permission to change or modify these documents.
</FONT>
</P>
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<tr>
<td>
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target="_blank">

</a>
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<FONT size="4">
This paper outlines team ISE's research and development of the ISE
Selective Encryption for JPEG Baseline Compressed Images Algorithm.
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<tr>
<td>
<a href="documents/ISEreference.zip">

</a>
</td>
</tr>
<tr>
<td>
<P>
<FONT size="4">
This is the reference manual for the ISE class which implements Team
ISE's Baseline JPEG Selective Encryption algorithm. Team ISE
recommends that you read this reference before using the class.
Click on this button to download the reference document.
</FONT>
</P>
</td>
</tr>
<tr>
<td>
<a href="documents/ISEmanpages.zip">

</a>
</td>
</tr>
<tr>
<td>
<P>
<FONT size="4">
This is a link to the ISE class man pages. These pages are helpful
to users programming with the ISE class. Clicking on the link will
download the man pages.
</FONT>
</P>
</td>
</tr>
<tr>
<td>
<a href="documents/ISE%20Manipulator%20Tutorial.pdf" target="_blank">

</a>
</td>
</tr>
<tr>
<td>
<P>
<FONT size="4">
This is a user tutorial for the JPEG Manipulator. It is recommended
that new users read this tutorial before using the JPEG Manipulator.
<a href="documents/ManipulatorTutorial.zip">
Download
</a>
the .ZIP file of the Manipulator Tutorial.
</FONT>
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</tr>
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May 02, 04 2:40

DocumentIndex.html

Page 3/5

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<td>
  <P>
    <FONT size="4">
      This is the reference document for the JPEG Manipulator. Any
      information needed to use the JPEG Manipulator and any of its
      components can be found in this document.
      <a href="documents/ManipulatorReference.zip">
        Download
      </a>
      the .ZIP file of the Manipulator Reference.
    </FONT>
  </P>
</td>
</tr>
<tr>
<td>
  <a href="documents/ISE_Developers_Reference/developer.htm"
  target="_blank">
    
  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This is the developer's reference document for the Team ISE Project.
      Any one interested in extending or modifying the code should read
      this document before doing so.
      <a href="documents/ISE_Developers_Reference.zip">
        Download
      </a>
      the .ZIP file of the Developer's Reference.
    </FONT>
  </P>
</td>
</tr>
<tr>
<td>
  <a href="documents/ISEFinalRequirements.pdf" target="_blank">
    
  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This document outlines the requirements put forward by Project
      Sponsor Tom Lookabaugh. Team ISE followed these requirements as
      guidelines when developing the C++ class, the JPEG Manipulator
      and the website.
      <a href="documents/ISEFinalRequirements.zip">
        Download
      </a>
      the .ZIP file of the Requirements document.
    </FONT>
  </P>
</td>
</tr>
<tr>
<td>
  <a href="documents/ISEPrototypePlan.pdf" target="_blank">
    
  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This document outlines the plan devised by Team ISE to create a

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DocumentIndex.html

Page 4/5

```

  prototype for the project.
  <a href="documents/ISEPrototypePlan.zip">
    Download
  </a>
  the .ZIP file of the Prototype Plan.
</FONT>
</P>
</td>
</tr>
<tr>
<td>
  <a href="documents/ISESystemArchitectureDesign.pdf" target="_blank">
    
  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This document give a detailed explanation of the System Architecture
      Design of the ISE project. The document outlines the architecture
      of the C++ class, the JPEG Manipulator, and the website. This
      document is helpful to anyone wishing to extend the C++ class to
      perform Selective Encryption methods on other types of file formats.
      <a href="documents/ISESystemArchitectureDesign.zip">
        Download
      </a>
      the .ZIP file of the System Architecture document.
    </FONT>
  </P>
</td>
</tr>
<tr>
<td>
  <a href="documents/DesignSpecFinal.pdf" target="_blank">
    
  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This document contains very detailed information about the design of
      the C++ class, the JPEG Manipulator, and the website. This document
      provides useful information on all of products being delivered by
      Team ISE. Anyone interested in the design of the class or modifying
      the class in anyway should read this document.
      <a href="documents/ISEDesign.zip">
        Download
      </a>
      the .ZIP file of the Design document.
    </FONT>
  </P>
</td>
</tr>
<tr>
<td>
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  </a>
</td>
<td>
  <P>
    <FONT size="4">
      This document contains detailed information about the test plan
      executed by Team ISE on all of its software products. The document
      also reports the status of the performed tests.
      <a href="documents/ISETestPlan.zip">
        Download
      </a>

```

```
the .ZIP file of the Test Plan document.
</FONT>
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Colorado</a>
students under the supervision of the
<a href="http://www.cs.colorado.edu" target="_blank">Computer Science
Department</a>.
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</P>

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target="_blank">Tom Lookabaugh</a>
or
<a href="mailto:TeamISE@hotmail.com">TeamISE@hotmail.com</a>.
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<td>
<P align="center">
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<B>Department of Computer Science</B><br>
<B>University of Colorado at Boulder</B><br>
<B>Boulder, CO 80309-0430</B><br>
<B>HTML 4.01 Transitional</B><br>
<B>Copyright &copy 2003-2004</B>
</FONT>
</P>
<P align="right">
<FONT color="#FFFFFF">
Last Updated: <B>5/1/04</B>
</FONT>
</P>
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</TABLE>

</BODY>
</HTML>
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May 02, 04 2:30

Download.html

Page 1/4

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<HTML>
<HEAD>
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  <META http-equiv="Content-Language" content="en-US">
  <TITLE>ISE Downloads</TITLE>
</HEAD>
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        <FONT size="+1" color="#FFFFFF">
          <B>University of Colorado Computer Science Department</B><br>
          2003-2004<br>
        </FONT>
        <FONT size="+2" color="#FFFFFF">
          <B>ISE JPEG Selective Encryption Download Page</B>
        </FONT>
      </P>
    </td>
  </tr>
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<!-- These Script Commands import the menu bar. The bar was created using
Xsara Menu Maker. This tool generated the javascript files used.
These files were not written by the team.
-->
<P align="center">
  <SCRIPT src="images/menu/menu.js" type="text/javascript"></SCRIPT>
  <SCRIPT src="images/menu/isemenu.js" type="text/javascript"></SCRIPT>
</P>
<H1 align="center">
  
</H1>
<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
    <B>ISE Downloads</B>
  </FONT>
</P>
<P>
  <FONT size="4">
    This page contains links to download ISE software. The ISE class
    implementing Team ISE's selective encryption algorithm for JPEG
    compression and the ISE JPEG Manipulator can be downloaded from here.
    Also available are downloads for the Microsoft .NET framework (required
    to use the manipulator) and Alpha and Beta Test versions of our code.
  <br>
  <br>
  All documentation for the code can be viewed and downloaded from the
  <a href="DocumentIndex.html">ISE Documentation Page</a>. It is
  recommended that you read the man pages and the user tutorials before
  using the code or software. If you wish to modify the code in any way,
  you should also read the System Architecture document, the Design
  document, and the Developer's manual.
  <br>
  <br>
  It is the hope of Team ISE that the ISE class will be extended to perform
  selective encryption on many different compressed file formats. Team
  ISE has laid the ground work for such a library and has taken the first
  step by devising and implementing a selective encryption technique for

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Download.html

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```

the JPEG Baseline Compression Standard. The ISE class was developed so
any other methods could easily inherit from the ISE class, thus
developers would (in most cases) only have to devise and implement the
selective encryption algorithms for different file formats.
</FONT>
</P>
<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
    <B>Licensing</B>
  </FONT>
</P>
<P>
  <FONT size="4">
    All of the code provided by Team ISE is open source. Users are allowed
    to modify the code in any way. Some users may want to use a different
    encryption algorithm than the AES algorithm included in the ISE class.
    Any changes made to the ISE code must adhere to the Team ISE licensing
    agreement. Users may not remove the ISE name, the team member's names,
    nor license from any changed code. However, users may add their own
    name to any changes made. Users must also follow the Licensing agreement
    in the Rijndael code, which was not written by Team ISE.
  <br>
  <br>
  All ISE code is provided for non-commercial use. If you wish to use ISE
  code in commercial applications, you must first contact
  <a href="http://www.cs.colorado.edu/people/tom_lookabaugh.html"
  target="_blank">Dr. Tom Lookabaugh</a>
  and receive his permission and the permission of the
  <a href="http://www.colorado.edu/" target="_blank">University of Colorado
  </a></FONT>
</P>
<TABLE WIDTH="100%" BORDER="0" CELLSPACING="0" CELLPADDING="20">
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  </tr>
</TABLE>
<P>
  <FONT size="4">
    Click on this link to downloade the ISE class code which
    implements the ISE selective encryption technique for the JPEG
    Baseline Compression. This code is open source, and may be
    modified by the user. Users are not licesned to use this code
    for commercial use without satisfying the conditions stated in
    the Licencing section of this page. Team ISE recomends that you
    read the documentation before using the code.
  </FONT>
</P>
</td>
</tr>
</TABLE>
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</P>
<TABLE WIDTH="100%" BORDER="0" CELLSPACING="0" CELLPADDING="20">
  <tr>
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May 02, 04 2:30

Download.html

Page 3/4

```

</a>
</td>
<td>
<P>
<FONT size="4">
Click on this link to download the ISE JPEG Manipulator. Please
refer to the user tutorial for information on how to use the
Manipulator. The ISE JPEG Manipulator was developed as a
research tool to aid Team ISE in creating a JPEG Baseline
selective encryption method. However, Team ISE is providing
the JPEG Manipulator to interested users.
<B>Note:</B> The JPEG Manipulator requires the Microsoft .NET
Framework to run. If you do not have the
<a href="code/dotnetfx.exe">.NET Framework</a>,
you can download it by clicking on the link below.
</FONT>
</P>
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</tr>
</TABLE>

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<TABLE WIDTH="100%" BORDER="0" CELSPACING="0" CELLPADDING="20">
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</td>
<td>
<P>
<FONT size="4">
Click on this link to download the Microsoft .Net Framework.
The .NET framework is required to run the ISE JPEG Manipulator.
You must follow Microsoft's licensing agreements on the .NET
framework.
</FONT>
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<FONT size="4">
Click on this link to download Team ISE's Alpha Test version
of the software. This code is buggy and differs from the
completed ISE code available above. However, Team ISE is
providing it for those who are interested.
</FONT>
</P>
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<a href="code/iseBeta.zip">

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May 02, 04 2:30

Download.html

Page 4/4

```

<td>
<P>
<FONT size="4">
Click on this link to download Team ISE's Beta Test version of
the software. This code is less buggy than the Alpha Test
release, however it still differs from the completed ISE code
available above. Team ISE is providing it for those who are
interested.
</FONT>
</P>
</td>
</tr>
</TABLE>

<P>
<FONT size="2">
This project was done by
<a href="http://www.colorado.edu" target="_blank">University of Colorado
</a>
students under the supervision of the
<a href="http://www.cs.colorado.edu" target="_blank">Computer Science
Department</a>.
</FONT>
</P>

<P>
<FONT size="2">
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Boulder. Questions: Contact
<a href="http://www.cs.colorado.edu/people/tom_lookabaugh.html"
target="_blank">Tom Lookabaugh</a>
or
<a href="mailto:TeamISE@hotmail.com">TeamISE@hotmail.com</a>.
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</P>

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Lookabaugh</B><br>
<B>Department of Computer Science</B><br>
<B>University of Colorado at Boulder</B><br>
<B>Boulder, CO 80309-0430</B><br>
<B>HTML 4.01 Transitional</B><br>
<B>Copyright &copy 2003-2004</B>
</FONT>
</P>
<P align="right">
<FONT color="#FFFFFF">
Last Updated: <B>5/1/04</B>
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May 02, 04 2:34

Links.html

Page 1/3

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
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<HEAD>
  <META http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <META http-equiv="Content-Language" content="en-US">
  <TITLE>ISE Related Links</TITLE>
</HEAD>
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vlink="#FF0000" alink="#FF0000">
<TABLE bgcolor="#003300" align="center" width="100%">
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      <FONT size="+1" color="#FFFFFF">
      <B>University of Colorado Computer Science Department</B><br>
      2003-2004<br>
      </FONT>
      <FONT size="+2" color="#FFFFFF">
      <B>ISE JPEG Selective Encryption Links Page</B>
      </FONT>
    </P>
  </td>
</tr>
</TABLE>
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Xsara Menu Maker. This tool generated the javascript files used.
These files were not written by the team.
-->
<P align="center">
  <SCRIPT src="images/menu/menu.js" type="text/javascript"></SCRIPT>
  <SCRIPT src="images/menu/isemenu.js" type="text/javascript"></SCRIPT>
</P>
<H1 align="center">
  
</H1>
<TABLE WIDTH="100%" BORDER="0" CELLSPACING="0" CELLSPACING="20">
  <tr>
  <td>
    <a href="http://www.ijg.org" target="_blank">
      
    </a>
  </td>
  <td>
    <P>
      <FONT size="4">
      Clicking on this button will open the Independent JPEG Group's (IJG)
      site in a new browser window. IJG writes and distributes a free JPEG
      image compression library.
      </FONT>
    </P>
  </td>
</tr>
<tr>
  <td>
    <a href="http://www.esat.kuleuven.ac.be/~rijmen/rijndael/"
target="_blank">
      
    </a>
  </td>
  <td>
    <P>

```

Sunday May 02, 2004

May 02, 04 2:34

Links.html

Page 2/3

```

  <FONT size="4">
  Clicking on this button will open a web page containing information on
  the Rijndael block cipher in a new browser window. This block cipher
  is used in the C++ class for selectively encrypting JPEG Baseline
  Compression files. Implementations of the Rijndael AES block cipher
  can be downloaded from this page.
  </FONT>
</td>
</tr>
<tr>
  <td>
    <a href="http://itd.colorado.edu/lookabaugh/" target="_blank">
      
    </a>
  </td>
  <td>
    <P>
      <FONT size="4">
      Clicking on this button will open project sponsor Dr. Tom Lookabaugh's
      site in a new browser window.
      </FONT>
    </P>
  </td>
</tr>
<tr>
  <td>
    <a href="http://www.colorado.edu/" target="_blank">
      
    </a>
  </td>
  <td>
    <P>
      <FONT size="4">
      Clicking on this button will open the University of Colorado home page
      in a new browser window.
      </FONT>
    </P>
  </td>
</tr>
<tr>
  <td>
    <a href="http://www.cs.colorado.edu/" target="_blank">
      
    </a>
  </td>
  <td>
    <P>
      <FONT size="4">
      Clicking on this button will open the University of Colorado Computer
      Science Department's home page in a new browser window.
      </FONT>
    </P>
  </td>
</tr>
<tr>
  <td>
    <a href="http://itd.colorado.edu/" target="_blank">
      
    </a>
  </td>
  <td>
    <P>
      <FONT size="4">
      Clicking on this button will open the University of Colorado
      Interdisciplinary Telecommunications Department's home page in a new

```

Team ISE

1/2

```

        browser window.
    </FONT>
</P>
</td>
</tr>
</TABLE>

<P>
<FONT size="2">
This project was done by
<a href="http://www.colorado.edu" target="_blank">University of
Colorado</a>
students under the supervision of the
<a href="http://www.cs.colorado.edu" target="_blank">Computer Science
Department</a>.
</FONT>
</P>

<P>
<FONT size="2">
This website is located on a sever at the University of Colorado at
Boulder. Questions: Contact
<a href="http://www.cs.colorado.edu/people/tom_lookabaugh.html"
target="_blank">Tom Lookabaugh</a>
or
<a href="mailto:TeamISE@hotmail.com">TeamISE@hotmail.com</a>.
</FONT>
</P>

<TABLE bgcolor="#003300" align="center" width="100%">
<tr>
<td>
<P align="center">
<FONT color="#FFFFFF">
<B>Team Image Selective Encryption Sponsored by Tom
Lookabaugh</B><br>
<B>Department of Computer Science</B><br>
<B>University of Colorado at Boulder</B><br>
<B>Boulder, CO 80309-0430</B><br>
<B>HTML 4.01 Transitional</B><br>
<B>Copyright &copy 2003-2004</B>
</FONT>
</P>
<P align="right">
<FONT color="#FFFFFF">
Last Updated: <B>5/1/04</B>
</FONT>
</P>
</tr>
</TABLE>

</BODY>
</HTML>

```

May 02, 04 2:37

Contact.html

Page 1/2

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<HTML>
<HEAD>
  <META http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <META http-equiv="Content-Language" content="en-US">
  <TITLE>Contact Information</TITLE>
</HEAD>
<BODY bgcolor="#FFFFFF" text="#000000" link="#0000FF"
vlink="#FF0000" alink="#FF0000">
<TABLE bgcolor="#003300" align="center" width="100%">
  <tr>
  <td>
    <P>
      <FONT size="+1" color="#FFFFFF">
        <B>University of Colorado Computer Science Department</B><br>
        2003-2004<br>
      </FONT>
      <FONT size="+2" color="#FFFFFF">
        <B>ISE JPEG Selective Encryption Contact Page</B>
      </FONT>
    </P>
  </td>
</tr>
</TABLE>
<!-- These Script Commands import the menu bar. The bar was created using
Xsara Menu Maker. This tool generated the javascript files used.
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<P align="center">
  <SCRIPT src="images/menu/menu.js" type="text/javascript"></SCRIPT>
  <SCRIPT src="images/menu/isemenu.js" type="text/javascript"></SCRIPT>
</P>
<H1 align="center">
  
</H1>
<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
    <B>Contact Information</B>
  </FONT>
</P>
<P>
  <FONT size="4">
    As this is a senior project and many members of the project will be
    graduating in May 2004, contact should be made with
    <a href="http://www.cs.colorado.edu/people/tom_lookabaugh.html"
    target="_blank"><B>Dr. Tom Lookabaugh</B></a>.
    <br>
    <br>
    However, you can also contact Team ISE members at
    <a href="mailto:TeamISE@hotmail.com"><B>TeamISE@hotmail.com</B></a>.
    <br>
    <br>
    <B>Note:</B> A quicker response will most likely be made if you contact
    Dr. Tom Lookabaugh rather than Team ISE. However, Team ISE would be
    happy to address any comments or concerns you may have.
  </FONT>
</P>
<P>
  <FONT size="2">
    This project was done by
  
```

May 02, 04 2:37

Contact.html

Page 2/2

```

  <a href="http://www.colorado.edu" target="_blank">University of
  Colorado</a>
  students under the supervision of the
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        <B>Copyright &copy 2003-2004</B>
      </FONT>
    </P>
    <P align="right">
      <FONT color="#FFFFFF">
        Last Updated: <B>5/1/04</B>
      </FONT>
    </P>
  </td>
</tr>
</TABLE>
</BODY>
</HTML>

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May 02, 04 2:36

Sponsor.html

Page 1/2

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<HTML>
<HEAD>
  <META http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <META http-equiv="Content-Language" content="en-US">
  <TITLE>Image Selective Encryption Sponsor</TITLE>
</HEAD>
<BODY bgcolor="#FFFFFF" text="#000000" link="#0000FF"
vlink="#FF0000" alink="#FF0000">
<TABLE bgcolor="#003300" align="center" width="100%">
  <tr>
    <td>
      <P>
        <FONT size="+1" color="#FFFFFF">
          <B>University of Colorado Computer Science Department</B><br>
          2003-2004<br>
        </FONT>
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        </FONT>
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</P>
<H1 align="center">
  
</H1>
<P align="center">
  <FONT color="#006600" face="Verdana" size="6">
    <B>Sponsor Information</B>
  </FONT>
</P>
<P>
  <FONT size="4">
    Team ISE's Selective Encryption Project is being sponsored by Associate
    Professor <B>Tom Lookabaugh</B>. In addition to sponsoring selective
    encryption research on the JPEG Baseline Compression format, Professor
    Lookabaugh has also done selective encryption reserach on the MPEG-2
    stream and speech coding. Professor Lookabaugh is the Faculty Director
    for the
    <a href="http://itd.colorado.edu" target="_blank">Interdisciplinary
    Telecommunications Program</a>
    at the University of Colorado at Boulder. To visit Professor Lookabaugh's
    website click on
    the Project Sponsor button below.
  </FONT>
</P>
<P align="center">
  
  <br>
  <a href="http://itd.colorado.edu/lookabaugh/" target="_blank">

```

Sunday May 02, 2004

Team ISE

May 02, 04 2:36

Sponsor.html

Page 2/2

```

  
</a>
</P>
<P>
  <FONT size="2">
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    Colorado</a>
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        </FONT>
      </P>
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1/1

May 02, 04 2:36

Team\_ISE.html

Page 1/2

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</P>

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Sunday May 02, 2004

Team ISE

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Team\_ISE.html

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      </FONT>
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      </FONT>
    </P>
  </td>
</tr>
</TABLE>
</BODY>
</HTML>

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1/1