



# Presentation Development Application Help and Test

Crane Softwrights Ltd.

<http://www.CraneSoftwrights.com>

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# Welcome



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This presentation overviews the Presentation Development Application created by Crane Softwrights Ltd. for use with James' Awesome DSSSL Engine (JADE).

Based on the use of the ISO/IEC International Standards SGML (Standard Generalized Markup Language - ISO-8879) and DSSSL (Document Style Semantics and Specification Language ISO/IEC-10179), this application is used to create slide presentations for both electronic display (using HTML) and paper handouts.

This help and test presentation was created with these tools.

If you find this application useful, spread the word and please tell others.  
If not, please tell us!

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# Software Distribution



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Please do not distribute this application, rather, please direct any inquiries regarding this application to

<http://www.CraneSoftwrights.com/shareware>. This allows us to determine the popularity of the application and ensures that people get the most up to date version of the application.

JADE can be obtained from <http://www.jclark.com/jade> for both the Windows environment and Unix environment. The support files delivered with this application are designed for the Windows environment, but can be adapted to others.

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# Shareware



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This application is distributed as Shareware, without a set monetary amount specified for payment. Please consider how much time, effort and money you have saved by using this application and remit an amount you feel is appropriate. This approach allows students the ability to afford the application and learn more about these technologies.

A two-step process is necessary for legal reasons:

- download the application with this sample presentation and packaged development files (which we assume you have done since you are reading this slide)
- submit a request form for the ZIP file password for the development files at <http://www.CraneSoftwrights.com/shareware/password.htm> and unpack the files with the command `pkunzip -d -sPASSWORD presapp2.zip` (or some suitable facsimile using other compatible software).

Note that the password will change with each release of the application.

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# Copyright



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While the document model (DTD) and DSSSL scripts are copyrighted by Crane Softwrights Ltd., one of the goals in distributing this software is to share style and techniques in working with these international standards.

You are welcome to copy these techniques in your own scripts with no obligation, but I ask that you, out of courtesy, not try to compete with this Presentation Development Application by modifying this into your own application and distributing the results.

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# Legal Stuff and Feedback



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Having requested a password and unpacked the development files, you are agreeing to Crane's conditions for release of the files.

The shareware is provided on an AS-IS basis and it is entirely up to the user to determine the suitability and fitness for use of this application, and Crane Softwrights Ltd. makes no claims that the software will run without errors.

Any and all risk as to the quality and/or performance of this application shall be borne by you and you shall assume all costs with respect to any service or repair.

Nevertheless, in the interests of supporting an application people find useful (as determined by their registration of the software), Crane will gladly accept bug reports and feature enhancement requests and may choose to release new versions of the application at any time. In such event, we would be pleased to inform all registered users of the availability of a new release of the application.

Please send any and all comments to [presdev@CraneSoftwrights.com](mailto:presdev@CraneSoftwrights.com).

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# Registration



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If you find this application useful, please forward an amount you are comfortable to afford, relative to the utility of this application and to the number of people in your organization that plan to take advantage of the application.

Please send a cheque to:

Crane Softwrights Ltd.  
Box 266  
Kars, Ontario  
CANADA K0A-2E0

Alternatively, if the amount you wish to pay sufficiently covers our costs, write us at [bankinfo@CraneSoftwrights.com](mailto:bankinfo@CraneSoftwrights.com) and we will send you sufficient bank information for a direct funds deposit.

Also, please be sure to include:

- the name of the application - "Presentation Development"
- the complete address from where the software is being purchased (so we can deduct from your amount the appropriate amount of tax for the government coffers)
- sufficient contact details so you can be reached when new versions of the application are made available

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# Overview of the Application



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This presentation development application is comprised of the following components:

- `pres.dtd`
  - the document model for a presentation
  - the description of the use of all the constructs
- `specific.ent`
  - an entity file with client-specific customization
- `makepres.bat`
  - batch file creation of HTML and RTF from SGML source
  - includes description of invocation options when invoked without any arguments
- `pres.soc` and `jade-ext.soc`
  - catalogues of presentation public identifiers
- `pres2htm.dsl` and `pres2rtf.dsl`
  - DSSSL scripts to produce outputs
- `rscname.dcl`
  - reference concrete syntax SGML declaration
- `iso-lat1.ent`
  - ISO SDATA declarations for Latin 1 characters

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# Required Software



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## ·JADE

- an implementation of the DSSSL style engine

- <http://www.jclark.com/jade>

## ·NSGMLS

- an SGML parser

- also included in the JADE deliverable

## ·Word'97 Viewer

- or equivalent RTF processor

- <http://www.microsoft.com/word/internet/viewer/>

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# Supplemental Files



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In addition to the individual frames of the presentation, this application creates two files with file names that are specified in the source instance.

- Table of Contents
  - index of all slides
  - sorted in slide number order
  - includes slide title for each slide
  - each entry is a hyperlink to the frame itself (both HTML and RTF versions)
- Summary of External Links
  - list of all uses of the `<extlink href="URL">` construct
  - both the URL and the text associated with the link are displayed
  - this is useful for reviewing the status of all URL addresses used in the presentation, having completed the development or when you are just about to deliver a presentation

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# Presentation Customization



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This application supports the rendering of one's own company copyright information (bottom right) and logo (top right), as well as the information (bottom left) and logo (top right to left of own logo) for a "partner" or "client" organization.

This customization is done using parameter entities, with default parameter entities defined for all of the customizable features. Through the use of marked sections, a partner's set of parameter entity declarations can override the default definitions, thus controlling the result.

See the file `specific.ent` for the details on what customization is available and the parameter entities involved.

This file can also be used for customizing the including or ignoring of marked sections of course content, which can be very handy. Some examples of customizable Crane course parameters have been left in the sample file for illustration and can be removed in your own environment.

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# Presentation Constructs



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To ensure consistency between the documentation and the constructs in the DTD, the constructs are only documented in the `pres.dtd` document model comments and are not documented in these help slides.

Essentially, each frame has a unique SGML ID identifier used as the filename and is comprised of either a title frame or a body frame. Each frame can have speaker's notes that are included under operator control on the command line of the creation procedure.

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# Presentation Creation Invocation



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To ensure consistency between the documentation and the options available to create a presentation, the options are only documented in the `makepres.bat` batch file and are not documented in these help slides. Help information is displayed when no arguments are given to the batch file.

Note there are specific instructions regarding being in a presentation subdirectory when invoking the creation batch file residing in the parent directory, and the special arguments required to trigger the rendering of speaker's notes.

Note also that one needs to set an environment variable to point to the subdirectory in which the JADE files are located.

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# Presentation HTML Files



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The main HTML output is a series of linked files, one for each frame.

The table of contents page lists all frames indicating the frame number and title.

The summary of external links page summarizes the use of all `<extlink href=URL>` constructs in the presentation (useful for validating the links are still live).

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# Presentation RTF File



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The main RTF output is a single file with all slides and the table of contents rendered.

Each slide is rendered on a new page in the same layout as the corresponding HTML page.

In the footer of each page is the slide name (ID attribute), the slide number and the page number (which will be different than the slide number if any slide is longer than a single page).

The Table of Contents is rendered following all slides and each entry is a hyperlink to the page.

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# Navigation Tips



- 
- the right arrow (if present) moves to the next frame in the presentation
  - the left arrow (if present) moves to the previous frame in the presentation
  - the up arrow in a presentation frame or in the external links summary page moves to the table of contents
  - the up arrow in the table of contents moves to the `index.htm` file in the parent directory
  - after following an internal link, or jumping to the table of contents, use the browser back function to return to the prior page

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# Public Identifiers



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The practice of using a public identifier to label a presentation is supported in this development environment, though the value may be left empty if you so choose.

The International Standard ISO-9070 dictates the rules for creating a public identifier.

The following example illustrates a public identifier using a registered owner identifier:

```
+//ISBN 1-894049::CSL::Courses//DOCUMENT Presentation Development  
Help//EN
```

The following example illustrates a public identifier using an unregistered owner identifier:

```
-//Ken//DOCUMENT Presentation Development Help//EN
```

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# Identified Problems



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The following are known problems that have yet to be repaired (please let us know if you have more):

- high priority
  - (none at this time)
- low priority
  - referencing an ID in another presentation that, itself, is a reference to an ID in yet another presentation, does not follow all references until a frame is found

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# Future Features



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The following are feature enhancements that have been recorded to do "sometime" in the future (please let us know if you have more):

- implement ordered lists

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# Test Frames



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The following test frames exist to exercise different constructs and to calibrate font sizes.

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## test frame 1



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This is the first paragraph that is fairly long since it needs to wrap to the next line

- This is the first in a list and it too is a long line that needs to wrap to the next line.
- The second paragraph
  - The first bullet under the second paragraph in a list
  - The second under the second

The second paragraph of the second group

The paragraph thing after the first list.

---

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# Test Frame 2-1 from Supplemental Presentation



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This frame content is in a supplemental file, referenced by the main presentation using a #CONREF entity reference.

- This is the first in a list and it too is a long line that needs to wrap to the next line.
  - The second paragraph
    - The first bullet under the second paragraph in a list
    - The second under the second
- The second paragraph of the second group

The paragraph thing after the first list.

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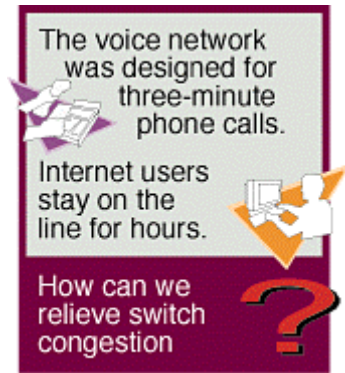
Notes:

## test frame 2



---

The following is a stand-alone graphic



Whereas the following  is inline in the flow of the  text.

---

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
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Notes:

## test frame 3



---

Here is a jump to Frame 1, as is the following image .

Here is an external jump to autoexec batch file.

This paragraph has monospace stuff inline.

```
This monospace stuff  
is not inline.
```

Regular stuff again.

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Notes:





1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 x  
3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 x  
0 1 2 3 4 5 6 7 8 9 0

The "x" approximately lines up with the right margin  
of the print output.

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Notes:

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 x  
2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 x  
3 4 5 6 7 8 9 0



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The "x" approximately lines up with the right margin of a 640x480 VGA screen and with the right margin of the print output (with the exception of mono-spaced which doesn't quite line up due to rounding of point sizes).

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 x  
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 x  
9 0

·1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 x  
8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 x  
5 6 7 8 9 0

·1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 x  
8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 x  
5 6 7 8 9 0

·1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 x  
5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 x  
9 0 1 2 3 4 5 6 7 8 9 0

1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7  
x 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4  
5 6 7 8 9 0  
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7  
x 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4  
5 6 7 8 9 0

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