

Embedding a Java Applet inside a Daisy document [2005-09-22]

Live example

```
UNPROCESSED INCLUDE DIRECTIVE
file:/home/http/html/geekscape.org/applet/example_000/index.html
```

Overview

The [Daisy CMS](#)¹ restricts the allowed HTML mark-up tags within a Document's content. However, the **include** tag permits the inclusion of other HTML pages that are effectively unlimited in what they contain.

By careful choice of the directory path, referring URL and Java Applet codebase, it is simple to include a Java Applet (as above).

Now that modern browsers and the latest Java plug-in are available, it's possible to create and deploy very sophisticated interactive user interfaces ... delivered by the Daisy CMS.

Description

1. Insert an appropriate **include** tag in a Daisy simple document ...
2. At the document root of your web server create the following directory ...
 - **mkdir -p applet/example_000/**
3. In the **example_000/** directory, create an HTML file taking note of the Java Applet tag **code** and **codebase** ...

```
<html>
  <body>
    <applet code="Example_000" codebase="/applet/example_000" width="120"
height="80">
      Your browser doesn't support Java applets
    </applet>
  </body>
</html>
```

4. Place the Java Applet source code [Example_000.java](#)² in the **example_000/** directory.
5. Compile the Java Applet ...

```
javac -source 1.2 -target 1.1 Example_000.java3
```

6. Ensure that appropriate read access is enabled ...

```
chmod 444 *.html *.java *.class
```

1. daisy:110 (Content Management System (CMS) investigation [2005-08-19])

2. http://www.geekscape.org/applet/example_000/Example_000.java

3. http://www.geekscape.org/applet/example_000/Example_000.java

Given that the [Daisy CMS](#)⁴ has a [powerful HTTP+XML based API](#)⁵, there is plenty of scope for creating user interfaces that interact directly with the Daisy Repository Server.

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Fields

Name	Value
Type	Technical note

4. [daisy:110 \(Content Management System \(CMS\) investigation \[2005-08-19\]\)](#)

5. http://cocoonddev.org/daisydocs-1_3/repository/interfaces/21.html

1. <http://creativecommons.org/licenses/by-nc-sa/2.5/>

2. <http://creativecommons.org/licenses/by-nc-sa/2.5/>