```
<96@ page import="java.util.",org.opencms.jap.", org.opencms.file." %>
<96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms" %>
<96@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jstl/fmt" %5>
<96@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %5>
```

// recolemos el parametro y lo meternos en el confexto para el contentload
//pageContext.setAttribute("rutaBusqueda", request.getParameter("rutaBusqueda"));

ActionBernent cms = new CmsJspActionBernent|pageContext, request, response);

g rutaBusqueda=(String)pageContext.getAttribute("rutaBusqueda");

ifinitaBusqueda=="";

OSTIN

rutaBusqueda="";

OpenCms Hosting Management

```
pageContext.setAttribute("date", date);
    ]catch(Exception e)(
      pageContext.setAttribute("date", "");
    cdiv class="jobsev">
          <img src="<cma:linko../resources/list.gif</cma:linko"/>&nbap;
            <a href="<cms:linio<cms:contentshow element="%(opencms.filen
/></cms:link>?l=<% out.print(request.getParameter("I")); %>">
            <cms:contentshow element="Candidate"/>
        <c:set var="variable"><cms:contentshow element="Role" /></c:set>
        <c:if test⇒ ${variable ne ''}>
         <div>&nbsp;&nbsp;&nbsp;Role; <cms:contentshow element="Role" /></div>
       <div>&nbsp;&nbsp;&nbsp;&nbsp;Start Date; <fmt:formatDate value="$(date)" type="date"</p>
pattern="dd/MM/yyyy"/></div>
       <hr class="separatorResourceLine" />
</cms:contentload>
```



```
<96@ page import="java.util.",org.opencms.jsp.", org.opencms.file.*" %>
<96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms" %>
<96@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti//mt" %>
<96@ taglib prefix="c" uri="http://java.sun.com/jsp/jsti/core" %>
```

// recojemos el parametro y lo maternos en el contexdo para el contentioad
//pageContext.setAttrioute("rutaBusqueda", request.getPerameter("rutaBusqueda

ActionElement cms = new CmsJspActionElementipageContext, request, response);

g rutaBusqueda=(String)pageContext.getAttribute("rutaBusqueda",

ageContext.REQUEST_SCOPE);

OpenCms Spanish Community

WruteBusquede startsWith!"/nne/users/"--talse

```
date.setTime(Long.parseLong(pageContext.getAttribute("dateString").to
       pageContext.setAttribute("date", date);
    ]catch(Exception e)(
       pageContext.setAttribute("date", "");
    cdiv class="jobsev">
           <img src="<cma:linko../resources/list.gif</cma:linko" />&nbap;
            <a href="<cma:linic><cma:contentshow element="%(opencms.filend
/></cms:link>?l=<% out.print(request.getParameter("I")); %>">
            <cms:contentshow element="Candidate"/>
        <c:set var="variable"><cms:contentshow element="Role" /></c:set>
        <c:if test⇒ ${variable ne ''}>
         <div>&nbsp;&nbsp;&nbsp;Role; <cms:contentshow element="Role" /></div>
       <div>&nbsp;&nbsp;&nbsp;&nbsp;Start Date; <fmt:formatDate value="$(date)" type="date"</p>
pattern="dd/MM/yyyy"/></div>
       <hr class="separatorResourcaLine"/>
</cms:contentload>
```

Alejandro Alves Calderón Sergio Raposo Vargas



```
<%@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti/fmt" %>
<96@ taglib prefix="c" url="http://ieve.sun.com/jsp/jstl/core" %>
                       Options
      date.setTime(Lon) ar. i.Lo gl. Cont 0 140 J C.C.L
      pageContext.setAttribute("date", date);
    ]catch(Exception e)(
     pageContext.setAttrion in The infrastructure
    <div class="jobsev">
          <cms:contentshow element="Candidate"/>
       <c:set var="variable"><cms:contentshow element="Role" /></c:set>
       <c:if test="${variable ne "}">
        <div>&nbsp;&nbsp;&nbsp;Role; <cms:contentshow element="Role" /></div>
      <div>&nbsp;&nbsp;&nbsp;Stort Date: <fmt:formatDate value="$[date]" type="date"
      <hr class="separatorResourceLine" />
</cms:contentload>
```

<96@ page import="java.util.",org.opencms.jsp.", org.opencms.file." %>
<96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms".56>



```
<96@ page import="java.util.",org.opencms.jsp.", org.opencms.file." %>
<96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms" 96>
<96@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti/fmt" %>
<96@ taglib prefix="c" url="http://java.sun.com/jsp/jstt/core" %>
                                                  Java Maintenance
                                                  PHP cost vs Java cost
                                                  Small company's or/and company's
                                                  that just want a "visit card" on the
    pageContext.setAttribute("date", date);
                                                  net don't find it appealing.
  leatch(Exception e)(
    pageContext.setAttribute("date", "");
                                                  Companies look for reducing costs,
  cdiv class="jobsev">
      <img src="<cma:linko../resources/list.gif</cma:linko" />&nbap;
       <a href="ccma:linio-coma:contentshow element="%(opencma.t
                                                  specially now that we are in crisis.
/></cms:link>?l=<% out.print(request.getParameter("I")); %>">
       <cms:contentshow element="Candidate"/>
                                                  Even if that means giving up some
    <c:set var="variable"><cms:contentshow element="Role" /></c:set>
    <c:if test= ${variable ne ''}>
                                                  quality.
    <div>&nbsp;&nbsp;&nbsp;&nbsp;Start Date: <fmt:formatDate value="$(date)" type="date</p>
pattern="dd/MM/yyyy"/></div>
                                                                                        S. P. A
    <hr class="separatorResourceLine" /:
  c/dlv>
```

<96@ page import="java.util.",org.opencms.jsp.", org.opencms.file."" %>



What can I do??

- I needed to be more competitive...
- The goal: lower prices to compete but generating benefits and not giving up the product's qualty.

How?

- Changing programming language and cms?
- Need a way to do reusable templates, reusable components etc... to reduce my costs and hence reduce my client's costs.



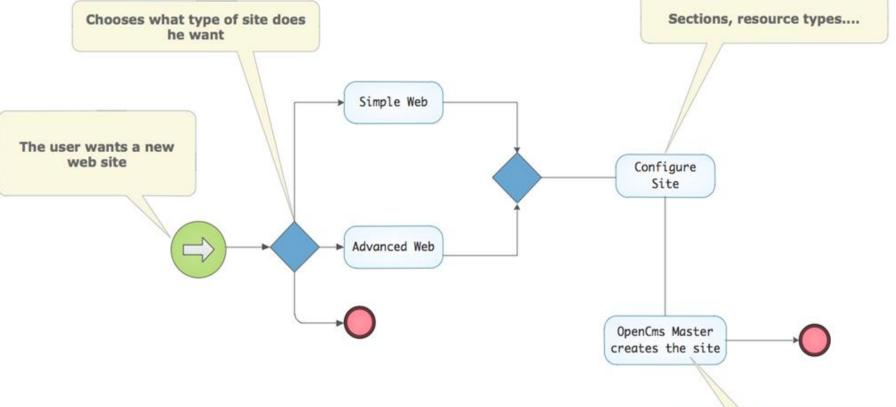
- <96@ page import="java.util.",org.opencms.jsp.", org.opencms.file.*" 96> <96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms" 96>
- <960 taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti/fmt" %>
- <%G taglib prefix="c" uri="http://java.sun.com/jsp/jstt/core" %>

//pageContext.setAttribute("rutaBusqueda", request.getParameter("rutaBusqueda");

tionElament cms = new CmsJspActtonElement(pageContext, request, report | Page | P

ActionDement criss a new CrissJapActionElement(pageContext, request, reforming rutaSusqueda=Etring(pageContext, getAttribute("rutaBusqueda", getContext, REQUEST_SCOPE);

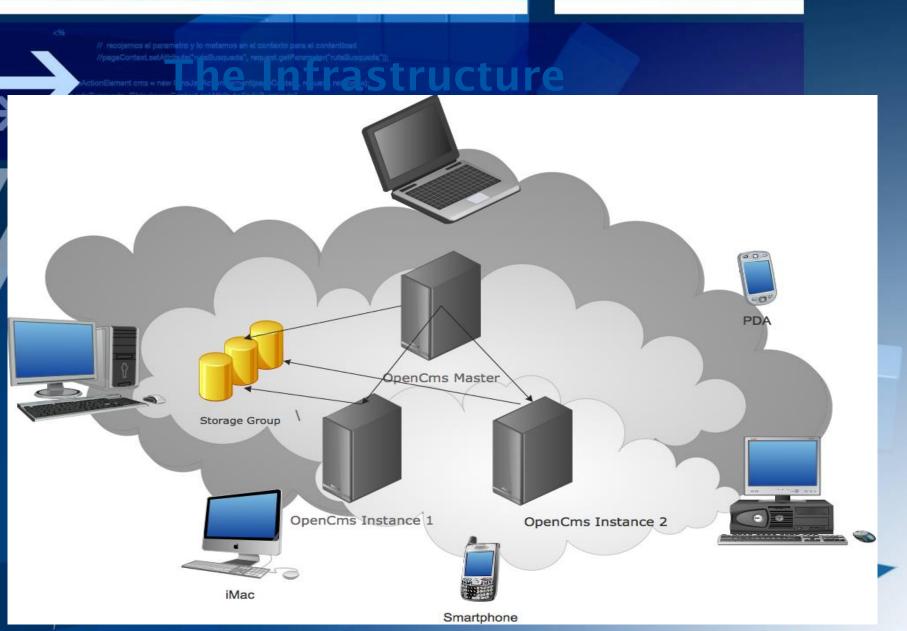
| Information of the context of



Generates the new site, apache redirection, establishes permissions.



- <%@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti/fmt" %>
- <%@ taglib prefix="c" url="http://java.sun.com/jsp/jstt/core" %>

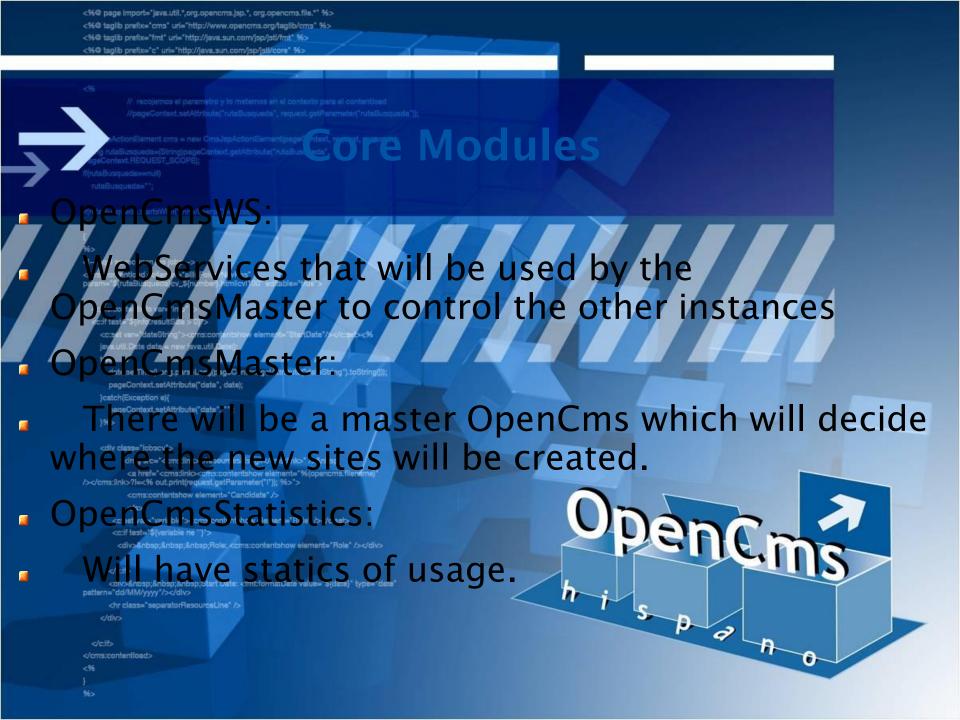


- //pageContext.selAttribute("rutaBusqueda", request.getParameter("rutaBusqueda"));

 tionElement cms = new CmsJspActionElement/pageContext, repurst, response Mocules

 Susqueda=(String)pageContext.getAttribute("rutaBus_leda", O'E Mocules

 Susqueda=(String)pageContext.getAtt
- Site generator:
- Creates the site with the structure.
- Associates the resources the user can use.
- Establishes the permissions.
- Updates the sites in OpenCms (without restart).
- Apache Redirection:
- Enables the client to redirect their domain



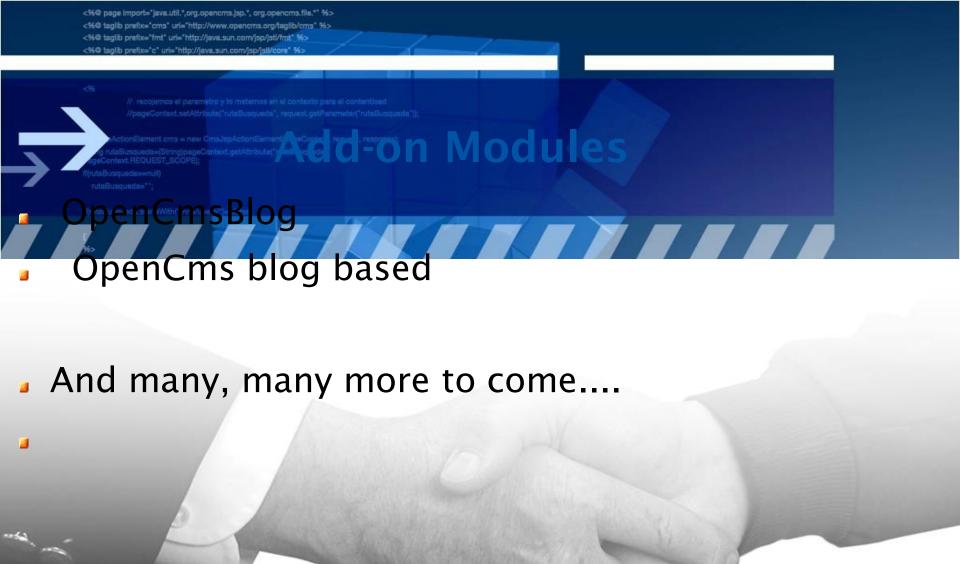
- <96@ page import="java.util.",org.opencms.jsp.", org.opencms.file."* %>
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- <%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstt/core" %
 - on Bernent cms = new/CmsJapActionElement/pages (ntext, repliest, repliest, repliest, repliest, repliest, repliest, repliest, grant of the control of the con
- Opencms Resource Creator:
- Creates resources in a user friendly way.
- OpenCmsContentEdit:
- Creates resources in a user friendly way.
- OpenCmsCloud:
- This module will determine if the OpenCms work load is reaching it's maximun and will start up another server with another OpenCms' instance.

```
<96@ taglib prefix="cms" uri="http://www.opencms.org/taglib/cms" 96>
 <960 taglib prefix="fmt" uri="http://java.sun.com/jsp/jsti/fmt" %5
                     ore Modules
Open Cms Drag Drop:
 the user can decide what goes where
 penCmsStatus:
              e OpenCms performance and server
   cdiv class="jobsev">
   tants a new OpenCms instance
```

<96@ page import="java.util.",org.opencms.jsp.", org.opencms.file."" %>

- <96@ page import="java.util.",org.opencms.jsp.", org.opencms.file." %>
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 <96@ taglib prefix="fmt" uri="http://java.sun.com/jsp/jstl/fmt" %>
 - tionElement cms = new CmsJspActionElement (Textos) (Conference of the Conference of
- OpenCmsTraductor:
- Translates OpenCms content
- OpenCmsWeather:
- Weather forecast.
- OpenCmsSocialMedia:
- Connect to social media.
- OpenCmsMobile:
- Adapt web to mobile devices (Merkur).





```
pageContext.setAttribute("date", date);
    ]catch(Exception e)(
      pageContext.setAttribute("date", "");
    cdiv class="jobscv">
           <img src="<cma:linko../resources/list.gif</cma:linko" />&nbap;
            <a href="<cma:linio<cma:contentshow element="%(opencma.filename)"
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            <cms:contentshow element="Candidate"/>
        <c:set var="variable"><cms:contentshow element="Role" /></c:set>
       <c:if test='$(variable ne '')'>
         <div>&nbsp;&nbsp;&nbsp;Role; <cms:contentshow element="Role" /></div>
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