

# WebObjects 5.2 Quick Reference

## Dynamic Elements

### Content

```
WOBody {
  src=aURL | filename=imageFileName;
  [framework = frameworkBaseName|"app" ;] |
  data=dataObject; mimeType=typeString;
  [key=cacheKey;]... };

WOFrame {
  value=aMethod; | src=aURL; |
  pageName=aString; |
  directActionName=anActionName;
  actionClass=className;... };

WOGenericContainer {
  elementName = aConstantString;
  [omitTags=aBoolean;] [elementID=identifier;]
  [otherTagString=aString;]
  [formValue=singleValue;]
  [formValues=arrayOfValues
  [invokeAction=aMethod;]... };

WOGenericElement {
  elementName = aConstantString;
  [omitTags=aBoolean;] [elementID=identifier;]
  [otherTagString=aString;]
  [formValue=singleValue;]
  [formValues=arrayOfValues;]
  [invokeAction=aMethod;]... };

WOImage {
  src=aURL; | value=imageData; | filename=imageFileName;
  [framework = frameworkBaseName | "app" ;] |
  data=dataObject; mimeType=typeString;
  [width=anInt;] [height=anInt;]
  [key=cacheKey;]... };

WOString {
  value=aString; [formatter=formatterObj;]
  [escapeHTML=aBoolean;]
  [dateFormat=dateFormatString;]
  [numberformat=numberFormatString;]
  [valueWhenEmpty=emptyString... };

Links, URLs

WOActionURL {
  action=aMethod | pageName=aString; |
  directActionName=anActionName;
  actionClass=className;
  [fragmentIdentifier=anchorFragment;]
  [queryDictionary=aDict; ?key=value;]
  [secure=aBoolean]... };

WOActiveImage {
  filename=imageFileName;
  [framework = frameworkBaseName|"app";] |
  src=aURL; | value=aMethod; action=aMethod |
  href=aURL; | actionClass=aClass; directAction-
```

```
name=aName; | data=dataObject; mi-
meType=typeString; [key=cacheKey;]
[imageMapFile=aString;] [name=aString;]
[x=aNumber; y=aNumber;] [target=frameName;]
[disabled=aBoolean;] [secure=aBoolean;]... };

WOHyperlink {
  action=aMethod | href=aURL; |
  pageName=aString; | directAction-
Name=anActionName; actionClass=className;
[fragmentIdentifier=anchorFragment;]
[string=aString;] [target=frameName;]
[disabled=aBoolean;] [secure=aBoolean;]
[queryDictionary=aDict;]... };

WOResourceURL {
  filename=imageFileName; [framework = frame-
workBaseName | "app";] | data=dataObject; mi-
meType=typeString; [key=cacheKey;]... };

Forms
```

### Forms

```
WOCheckBox {
  value=defaultValue; [selection=selectedValue;]
  [name=fieldName;] [disabled=aBoolean;] ... };

WOCheckBox {
  checked=aBoolean; [name=fieldName;]
  [disabled=aBoolean;] ... };

WOCheckBoxList {
  list=anObjectList; item=anIteratedObject; dis-
playString=displayedValue; [value=aValue;]
[index=aNumber;] [prefix=prefixString;]
[suffix=suffixString;] [selections=selectedValues;]
[name=fieldName;] [disabled=aBoolean;]
[escapeHTML=aBoolean;]... };

WOFileUpload {
  filePath=aPath; data=fileData;
  [inputStream=inputStream;]
  [bufferSize=sizeInKB;]
  [outputStream=outputStream;]
  [streamToFilePath=filePath;] [overwrite=boolean];
  [finalFilePath=filePath;] ... };

WOForm {
  [action=aMethod; | href=aURL;]
  [multipleSubmit=aBoolean;] ... };

WOHiddenField {
  value=defaultValue; [ name=fieldName;]
  [disabled=aBoolean;] ... };

WOImageButton {
  filename=imageName;
  [framework=aFrameworkName | "app";] |
  src=aURL; | value=aMethod; action=aMethod; |
  data=dataObject; mimeType=typeString;
  [key=cacheKey;] [imageMapFile=aString;]
  [name=aString;] [x=aNumber; y=aNumber;]
  [disabled=aBoolean;] ... };

WOPasswordField {
  value=defaultValue; [name=fieldName;]
  [disabled=aBoolean;] ... };
```

```
WOPopUpButton {
  list=anArray; item=anItem;
  displayString=displayedValue;
  [value=optionValue;] [selection=theSelection; |
  selectedValue=selectedValue;]
  [name=fieldName;] [disabled=aBoolean;]
  [escapeHTML=aBoolean;]
  [noSelectionString=aString]... };

WORadioButton {
  value=defaultValue; [selection=selectedValue;]
  [name=fieldName;]
  [disabled=aBoolean;] ... };

WORadioButton {
  checked=aBoolean; [name=fieldName;]
  [disabled=aBoolean;] ... };

WORadioButtonList {
  list=anObjectList; item=anIteratedObject; dis-
playString=displayedValue; [value=aValue;]
[index=aNumber;] [prefix=prefixString;]
[suffix=suffixString;] [selection=selectedValue;]
[name=fieldName;] [disabled=aBoolean;]
[escapeHTML=aBoolean;]... };

WORResetButton {
  value=aString; [disabled=aBoolean;] ... };

WOSubmitButton {
  action=submitForm; | actionClass=aClass; direc-
tActionName=aName; value=aString;
  [disabled=aBoolean;] [name=aName;] ... };

WOText {
  value=defaultValue; [name=fieldName;]
  [disabled=aBoolean;] ... };

WOTextField {
  value=aValue; [formatter=formatterObj;]
  [dateFormat=dateFormatString;]
  [numberformat=numberFormatString;]
  [name=fieldName;]
  [disabled=aBoolean;] ... };
```

### Lists

```
WOBrowser {
  list=anArray; item=anItem;
  [displayString=displayValue; value=optionValue;]
  [escapeHTML=aBoolean;]
  [selections=objectArray;
  selectedValues=valueArray;]
  [name=fieldName;] [disabled=aBoolean;]
  [multiple = aBoolean;] [size=anInt;]... };

WORepetition {
  list=anObjectList; item=anIteratedObject;
  [index=aNumber;] ... };

WORepetition {
  count=aNumber; [index=aNumber;] ... };
```

## WebObjects 5.2 Quick Reference

### Dynamic Elements (Continued)

```
WONestedList {  
  list=anObjectList; item=anIteratedObject; displayString=displayedValue;  
  sublist = aSubarray;  
  action=aMethod;  
  selection=selectedValue; [index=aCurrentIndex];  
  [level= aCurrentLevel]; [isOrdered= aBoolean];  
  [prefix=prefixString]; [suffix=suffixString];  
  [escapeHTML=aBoolean];... };
```

### Control

```
WOComponentContent { };  
WOConditional {  
  condition=aBoolean; [negate=aBoolean]; ... };  
WOSwitchComponent {  
  WOComponentName=aComponentName; ... };
```

### Java, JavaScript, Plugins

```
WOApplet {  
  code=javaClassName; width=aWidth;  
  height=aHeight; [associationClass=className];  
  [codeBase=aPath];  
  [archive=jarFile1 [, jarFile2];]  
  [archiveNames=jarFile1 [, jarFile2];]  
  [object=serializedApplet];  
  [hspace= aSize]; [vspace= aSize];  
  [align= aString];... };
```

```
WOEmbeddedObject {  
  value= aMethod; | src=aURL; |  
  filename= imageFileName;  
  [framework = frameworkBaseName|"app"]; |  
  data= dataObject; mimeType=typeString;  
  [key=cacheKey];... };
```

```
WOJavaScript {  
  scriptFile=aPath; | scriptString=aString; |  
  scriptSource=aURL;  
  [hideInComment=aBoolean]; ... };
```

```
WOParam {  
  name=aString; value=aString; |  
  action=aMethod; ... };
```

WOQuickTime  
is deprecated, use JavaWOSMIL framework instead.

```
WOVBScript {  
  scriptFile=aPath |  
  scriptString=aString |  
  scriptSource=aURL  
  [hideInComment=aBoolean]; ... };
```

## Java Properties

### WebObjects

In the application Properties file or on the command line with -D just like java properties.

```
[ WOAcceptMalformedCookies=boolean ]  
[[ WOAdaptor=adaptorClassName ]  
  [ WOPort=anInt ]  
  [ WOListenQueueSize=anInt ]]  
[ WOAdditionalAdaptors=plist ]  
[ WOAllowsCacheControlHeader=boolean ]  
[ WOAllowsConcurrentRequestHandlers=boolean ]  
[ WOAllowRapidTurnaround=boolean ]  
[ WOApplicationBaseURL=url ]  
[ WOApplicationName=aName ]  
[ WOAutoOpenInBrowser=boolean ]  
[ WOAutoOpenClientApplication=boolean ]  
[ WOCachingEnabled=boolean ]  
[ WOCGIAdaptorURL=url ]  
[ WOContextClassName=aClassName ]  
[ WODebuggingEnabled=boolean ]  
[ WODefaultUndoStackLimit=anInt ]  
[ WODirectActionRequestHandler=aClassName ]  
[ WODirectConnectEnabled=boolean ]  
[ WODisplayExceptionPages=boolean ]  
[ WOEventLoggingEnabled=boolean ]  
[ WOFrameworksBaseURL=url ]  
[ WOGenerateWSDL=boolean ]  
[ WOHost=aName ]  
[ WOIncludeCommentsInResponse=boolean ]  
[ WOLifebeatDestinationPort=anInt ]  
[ WOLifebeatEnabled=true ]  
[ WOLifebeatInterval=seconds ]  
[ WOMaxIOBufferSize=anInt ]  
[ WOMaxHeaders=anInt ]  
[ WOMaxSocketIdleTime=milliseconds ]  
[ WOMissingResourceSearchEnabled=boolean ]  
[ WOMonitorEnabled=boolean ]  
[ WOOutputPath=path ]  
[ WOREcordingPath=path ]  
[ WOSessionTimeout=seconds ]  
[ WOSessionStoreClassName=aClassName ]  
[ WOSTatisticsPassword=aPassword ]
```

### EOF

```
[ EOAdaptorDebugEnabled=boolean ]  
[ EOAdaptorUseBindVariables=boolean ]  
[ EOEventLoggingLimit=anInt ]  
[ EOEventLoggingPassword=aPassword ]
```

### Foundation

```
[ NSCurrencySymbol=aString ]  
[ NSDebugGroups=aBitMask ]  
[ NSDebugLevel=anIntOrString ]  
[ NSProjectSearchPath=plist ]  
[ NSXMLValidation=boolean ]
```

## WebObjects URLs

### Component Action URL

```
http://host[:port]/cgi-bin/WebObjects/App[[:.woa]]/  
instance ]/wo/sessionID/elementID
```

### Direct Action URL:

```
http://host[:port]/cgi-bin/WebObjects/App[[:.woa]]/  
instance]/wa/  
[actionClass|actionName|actionClass/actionName]  
[?key=value&key=value...]
```

### Application Statistics URL:

```
http://host[:port]/cgi-bin/WebObjects/App.woa[/  
instance]/wa/WOStats
```

### WOTaskd Configuration URL(s):

```
http://host:1085/
```

### Application Events URL:

```
http://host[:port]/cgi-bin/WebObjects/App.woa/wa/  
[WOEventSetup | WOEventDisplay]
```

## File Locations

### WebObjects License

```
$NEXT_ROOT/Library/Frameworks/JavaWebObjects.  
framework/Resources/Licence.key
```

### WebObjects Configuration

```
$NEXT_ROOT/Library/WebObjects/Configuration/  
SiteConfig.xml
```

### Java Configuration

```
$NEXT_ROOT/Library/Java/JavaConfig.plist
```

### WebObjects Adaptor Debug Switch

```
$TEMP/logWebObjects
```

### WebObjects Adaptor Debug Log

```
$TEMP/WebObjects.log
```

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http://www.behindthesite.com  
mhenderson@behindthesite.com  
1-888-316-2353

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