

ViewNullTool

JUnit tests can be found [here](#).

```
/*
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 */

package org.apache.velocity.tools.view.tools;

import org.apache.velocity.context.Context;
import org.apache.velocity.tools.generic.NullTool;

/**
 * Tool for working with null in Velocity templates.
 * It provides a method to set a VTL reference back to null,
 * automatically using the current context.
 * Also provides methods to check if a VTL reference is null or not.
 *
 * <p>
 * NOTE: set and setNull does not clear attributes in servlet objects.
 * To remove attributes from request, session and application,
 * use $request.removeAttribute(), $session.removeAttribute() and
 * $application.removeAttribute() respectively.
 * </p>
 * <p><pre>
 * Example uses:
 * #set($foo = "bar")
 * $foo                                -> bar
 * $null.isNull($foo)                  -> false
 * $null.isNotNull($foo)               -> true
 *
 * $null.setNull("foo")
 * $foo                                -> $foo (null)
 * $null.isNull($foo)                  -> true
 * $null.isNotNull($foo)               -> false
 *
 * $null.set($foo, "hoge")
 * $foo                                -> hoge
 * $null.set($foo, $null.null)
 * $foo                                -> $foo (null)
 *
 * </pre></p>
 *
 * Toolbox configuration:
 * <tool>
 *     <key>null</key>
 *     <scope>request</scope>
 *     <class>org.apache.velocity.tools.view.tools.ViewNullTool</class>
 * </tool>
 *
 * <p>This tool is NOT meant to be used in either application or
 * session scopes of a servlet environment.</p>
 *
 * @author <a href="mailto:shinobu@ieee.org">Shinobu Kawai</a>
 * @version $Id: $
 */
public class ViewNullTool extends NullTool implements ViewTool
{
```

```

/** The Context. */
private Context context = null;

/**
 * Default constructor.
 */
public ViewNullTool()
{
}

/**
 * Initializes this instance.
 *
 * @param object the current Context
 */
public void init(Object object)
{
    if (!(object instanceof Context))
    {
        throw new IllegalArgumentException("Tool can only be initialized with a Context");
    }

    this.context = (Context) object;
}

/**
 * Sets the given VTL reference back to <code>null</code> using the current context.
 * @param key the VTL reference to set back to <code>null</code>.
 */
public void setNull(String key)
{
    this.setNull(this.context, key);
}

/**
 * Sets the given VTL reference to the given value using the current context.
 * If the value is <code>null</code>,
 * the VTL reference is set to <code>null</code>.
 * @param key the VTL reference to set.
 * @param value the value to set the VTL reference to.
 */
public void set(String key, Object value)
{
    this.set(this.context, key, value);
}
}

```