
Article

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Embed a Webcam Feature into a ZEN Page

(Originally posted by [@Sascha Kisser](#) on March 11, 2014)

The following 2 classes are a component for a webcam, and a ZEN page that incorporates it. The webcam can take a snapshot and save it to Caché:

```
Class skisser.webcamPage extends %ZEN.Component.page
{
    Parameter APPLICATION;

    Parameter PAGENAME;

    Parameter DOMAIN;

    XData Style
    {
        <style type="text/css">
        </style>
    }

    XData Contents [ XMLNamespace = "http://www.intersystems.com/zen" ]
    {
        <page xmlns="http://www.intersystems.com/zen" title="">
        <button caption="startCam" onclick="zenPage.startCam()"/>
        <button caption="Snapshot" onclick="zenPage.snapshot()"/>
        <camComponent width="600px" height="800px" id="mycam"/>
        <image id="image_source" src="" hidden="true"/>

        </page>
    }

    ClientMethod snapshot() [ Language = javascript ]
    {
        var snap = zenPage.getComponentById('image_source')
        zen('mycam').snapshot(snap);
        zen('mycam').SaveImageToDB(snap);
        snap.refreshContents();
    }

    ClientMethod startCam() [ Language = javascript ]
    {
        zen('mycam').startWebcam();
    }
}
```

```
Class skisser.webcamPage extends %ZEN.Component.page
{
    Parameter APPLICATION;

    Parameter PAGENAME;
```

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Parameter DOMAIN;

XData Style

```
{  
<style type="text/css">  
</style>  
}
```

XData Contents [XMLNamespace = "http://www.intersystems.com/zen"]

```
{  
<page xmlns="http://www.intersystems.com/zen" title="">  
<button caption="startCam" onclick="zenPage.startCam()"/>  
<button caption="Snapshot" onclick="zenPage.snapshot()"/>  
<camComponent width="600px" height="800px" id="mycam"/>  
<image id="image_source" src="" hidden="true"/>  

```

</page>

}

ClientMethod snapshot() [Language = javascript]

```
{  
    var snap = zenPage.getComponentById('image_source')  
    zen('mycam').snapshot(snap);  
    zen('mycam').SaveImageToDB(snap);  
    snap.refreshContents();  
}
```

ClientMethod startCam() [Language = javascript]

```
{  
    zen('mycam').startWebcam();  
}
```

}

Here's a link to the code on GitHub: <https://github.com/intersystems-community/code-snippets/blob/master/src/...>

[#Code Snippet](#) [#ZEN](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/embed-webcam-feature-zen-page>