

## SQLi Results: No Errors

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It has been interesting to see the results of the recent series of SQL injection attacks. I have been using `<cfqueryparam>` for all dynamic data for years, so I wasn't worried about the SQL injection. Still, even for sites with `<cfqueryparam>`, error email messages remain a problem.

Although I have gotten some errors from some sites, none from my newer sites. The reason is that earlier steps I have taken prevent errors from invalid URL variables.

The Page Controllers that I use have their own `param()` method that works *mostly* like `<cfparam>`.

It has three arguments:

- name: The name of the variable
- type: The variable type
- default: The default value

The big difference from this to `<cfparam>` is that `<cfparam>` throws an error if the variable exists but isn't of the appropriate type whereas the `param()` method of the Page Controller will just go ahead and set the default value.

I would love it if this behavior was available as an option for `<cfparam>` as well.

Although this is my preferred technique, on some older sites I relied on try/catch:

```
<cftry>
  <cfparam name="url.id" type="numeric">
<cfcatch>
  <cflocation url="index.cfm" addtoken="No">
</cfcatch>
</cftry>
```

A cleaner approach that I have also used is `Val()`, which is effective in preventing errors:

```
<cfif isDefined("URL.id")>
  <cfset URL.id = Val(URL.id)>
<cfelse>
  <cfset URL.id = 0>
</cfif>
```

You can [read more about Page Controllers](#) or [view PageController.cfc](#). Even if you don't like the concept of a Page Controller, I think the `param()` method is still useful by itself.