HandleView

Exception list

Developer Preview Version

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# Exception 2000

Label

Unexpected Exception in Handleview Framework.

## Description

Various.

## Details

This Exception is used for unexpected error in the frameworkor that does’t have a specific root from which we can pin point the exact problem. These exceptions are catched, but not necesserally handled specifically.  
Each time we find those, we try to handle it correctly or correct the error. These erros should be corrected in any future release.

# Exception 2001

## Label

The <xhv-routerport name=""app-root""></xhv-routerport> code cannot be found in the HostFile.

## Details

A RouterPort named app-root must be present in the HTML Host file. This is the placeholder where the first component will be render when bootstrapping the application.

# Exception 2002

## Label

## The configuration '" & configurationId & "' was not found. Please check that you have initialized this configuration correct the Id in the Configuration call.

## Details

You try to use a configuration with the id : *configurationId* like this : Configuration(“*configurationId*”) but this configuration does not exist in the Configuration collection. Check in the database or your configuration file to see if you misspelled the config when calling it. Maybe you forgot to add a specific configuration in your database or file.

# Exception 2003

## Label

## The following interpolation does not have the right format: " & sTemp Expecting 'type:name' format.

## Details

You have interpolation in a HTML file ({{interpolation}}) that do not have the right format. The format you should use is type:name. Ex: props:propertyName. The two accepted type are props and funcs.

# Exception 2004

## Label

## The component HTML file template could not be found. File : & sPathFileName

## Details

The file you put in your component (the path and name to your HTML template) cannot be found. This is the value you put in the ***TEMPLATE\_URL*** const in your component class. Remember that this path is relative and start with the value you put in the ***App.BaseComponentFolder*** configuration. Also, the value of ***TEMPLATE\_URL*** should not begin with a backslash, the backslash must be included in the ***App.BaseComponentFolder*** configuration value.

# Exception 2005

## Label

## The method ' & sMethodName & ' cannot be found in the parent component of ' & oInterface2.nameType & ' which is ' & oInterface.nameType & '

## Details

You tried to call a method from the parent component of your actual component using this syntax in the child component HTML file : *xhv-eventhandler*="parent.methodName". However the methodName do not exists in the parent component or it is not public. Add the corresponding method in the parent or make it public or correct the name in your *xhv-eventhandler* attribute.

# Exception 2006

## Label

## You're trying to call the method ' & sMethodName & ' in the parent component of ' & oInterface2.nameType & ' , but this component is a root component, so it does not have a parent.

## Details

Oubviously, you cannot call parent method if the component do not have a parent component. However, this should only happen when calling this method in the app component.

# Exception 2007

## Label

## The method: ' & sMethod & "' have not been found in the component or any parent of the component.

## Details

You called a method in the component in your HTML component code with the *syntax* *xhv-eventhandler*="methodName" but this method do not exists in the component or is either misspelled or not public and it does not exist in any of its ancestors components. When you call a method in the *xhv-eventhandler* whitout any prefix (parent or child), the framework tries to locate the method in the component then in all parent components of this component. If it does not find it anywhere in the anscestor component tree it throws this Exception.

# Exception 2008

## Label

The interpolation: & 'oIP.value' & cannot be resolved by the framework.

## Details

You used an interpolation ({{interpolation}}) in your HTML file, but the component do not have the corresponding value in its ***props*** dictionary value. To use interpolation in your HTML template, the component must have a value in its ***props*** dictionary that have the same Key as the identifier used in the interpolation in the HTML. Ex: If you have {{name}} in your HTML template, then the ***props*** dictionary must have an entry with *name* as its Key. These properties are specific to each component and should be initialized in the *xhvIComponent\_onAfterInit* Sub of your component.

# Exception 2009

## Label

The interpolation: & 'oIP.value' & cannot be resolved by the framework.  
Handleview do not support more than one(1) level of object property for now.

## Details

You used an interpolation ({{interpolation}}) in your HTML file and tried to call a property of an object property.   
Ex: {{object1.object2.property}}. Handleview do not support more than one(1) level of object property for now, e.g you can use {{object1.property}} where property returns a scalar value. If you need more than one level, you can try to add a property in your component that resolve these multilevel properties directly and use this added property instead.

# Exception 2010

## Label

The component : " component.nameType " cannot resolve the 'func' interpolation: " & sValue(0)   
This component probably dont't have this function or this function generate an unhandled error.

## Details

You used an interpolation ({{interpolation}}) in your HTML file and tried to call a method of the component to resolve the value however, this method either not exist, is not public or generate an unhadled error. Also check for misspelling.

# Exception 2011

## Label

## The interpolation: & oIP.value & cannot be resolved by the framework. Handleview do not support call to method of an object property for now.

## Details

You used an interpolation ({{interpolation}}) in your HTML file and tried to call a method of an object property of the component. Ex: {{props.objectproperty.method}}. Handleview do not support these type of call for now. You can however create a method in your component that will call the property object method and use it instead.

# Exception 2012

## Label

Interpolation type does not exist: & oIP.typeInterpolation

## Details

You used an interpolation ({{interpolation}}) in your HTML file but did not a supported keyword to qualified it. Handleview support these two keywords for now: ***props*** and ***funcs***. ***props*** is for property value calls and ***funcs*** for method calls.

# Exception 2013

## Label

## Component ' & componentName & ' cannot be found."

## Add ' & componentName & ' in the Select Case of the createComponent() method of xhvComponentFactory class or correct the name of the component in the HTML template.

## Details

As we cannot use the CreateObject function or any reflections techniques to create the component classes in our projects, we create component via a factory where we must use a Select Case to create our component depending of the name of the component. You can use the name you want (it is not mandatory that it matches the class name) but you must use the same identifier in the Select Case that you use to identify your component in the HTML templates.

# Exception 2014

## Label

## You try to add a service in the DI container, but both useClass and useFactory properties are empty You need to provide one of the two or the DI system won't be able to create the service. Details

Handleview uses either the ***useClass*** or the ***useFactory*** property value to create the service. If both are empty, it cannot create the class of the service. If both are filled, the **useClass** property is used. As a reminder, ***useClass*** indicates the Interface identifier used to create the concrete class and ***useFactory*** indicates the name of a function that return the class when execute. The identifier of ***useClass*** must be the same as the one you used in the Select Case of the ***xhvServiceFactory. getServiceFromClassName*** function. The function identified by ***useFactory*** must be defined as Public in the ***xhvServiceFactory*** class.

# Exception 2015

## Label

## The service with the interface ' & interface & ' already exits in the DI container.

## You cannot add two different services with the same interface id. Check your Service Configuration Module. Details

You must use different interface identifiers for each services. Indeed, it doesn’t make sense to inject a service with the same name in 2 different places and expect different services to be injected when using ***useClass*** property to initialize the service. If this is the behavior you need, you should instead use the ***useFactory*** property and code your logic inside your referencing function.

# Exception 2016

## Label

## The service:' & interfaceName & ' is not configurated in the dependency injection system. Details

You’re trying to inject a service that have not been configurated in the system. Check for misspelled services or configure it in the ***mod\_xhvConfigServices*** module.

# Exception 2017

## Label

## An error occurs before Configuration global object has been initialized.

## The HandleView framework cannot continue to execute the application.

## The original error message calling this method was:

## Framework error

## Error Number: & errNumber

## Error Message: & errMessage

## Details

When an eror occurs before the Configuration global object has been initialized , we cannot use the ***xhvExceptionManager***, so this exception is displayed from a msgbox. This exception is probably thrown from with a function called in the Form\_Load of the application.

# Exception 2018

## Label

## The logger ' & LoggerName & ' has already been registered in the logging system and cannot be added again. Please check your Logging Configurations. Details

A logger can only be added once in the xhvLog system.

# Exception 2019

## Label

## The logger enhancement' & LogEnhancementName & ' has already been registered in the loggin system and cannot be added again. Please check your Logging Configurations. Details

A logger enhancement can only be added once in the xhvLog system. It does’t make sense to write the same information twice in the log entries.

# Exception 2020

## Label

## Logger Enhancement Factory cannot find a log enhancement class named ' & enhancementClassName & '. Check your class name or add the related class name in xhvLoggerEnhancementFactory.createLoggerEnhancement function. Details

Logger enhancements are created in the in ***xhvLoggerEnhancementFactory.createLoggerEnhancement*** function. We use a Select Case to create the specific class of Logger Enhancement. If the enhancementClassName used to configure the enhancement is different from the Case in the Select Case, the factory cannot create the concrete class.

# Exception 2021

## Label

## Logger Factory cannot find a Logger class named ' & loggerClassName & '. Check your class name or add the related class name in xhvLoggerFactory.createLogger function. Details

Logger are created in the in ***xhvLoggerFactory.createLogger*** function. We use a Select Case to create the specific class of Logger. If the loggerClassName used to configure the enhancement is different from the Case in the Select Case, the factory cannot create the concrete class.

# Exception 2022

## Label

## The RouterPort named: ' & oRequestedRoute.routerPortName & ' does not exist in the Router's RouterPort Tree. Details

You’re trying to navigate to a path that use a RouterPort that do not exist in the Router RouterPort Tree. This can means that when you configure your Route in the mod\_***xhvConfigRouter*** module you misspelled the name of the RouterPort or you try to navigate to a Router Port that doesn’t exist or have not been created yet, Check your Routes configuration.

# Exception 2023

## Label

## The component ' & oRequestedRoute.componentName & ' could not be rendered by the framework. Details

This is a general Exception meaning that something went wrong when trying to render the component. Please check the synyax in your HTML template and your code in the ***xhvIComponent\_render*** function of your component. You can try to catch exception in your ***xhvIComponent\_render*** function to see what is going on.

# Exception 2024

## Label

## The following path: ' & aSiblingPaths(i) & 'did not match any route configurated in the mod\_xhvConfigRouter module. Please check your path or your mod\_xhvConfigRouter class. Details

You try to navigate to a route that have not been configurated in ***mod\_xhvConfigRouter*** module or that is misspelled. Please check your path when calling the navigate method or your ***mod\_xhvConfigRouter*** module.

# Exception 2025

## Label

The query named: 'qry\_xoFramework\_GetAllConfigs' is missing in the database.  
The HandleView framework cannot continue to execute the application."

## Details

This exception happen when you use the included ***s\_xhvDBConfigService*** to get your configuration for the framework in the database but the query ***qry\_xoFramework\_GetAllConfigs*** is missing, corruptedor simply not work. Check the query directly to see if it returns the fields sets in the ***setConst*** Sub of the ***mod\_xhvConst module***.

Exceptions from the included Loggers

# Exception 3000

Label

Unexpected error in Handleview included loggers.

## Description

Various.

## Details

This Exception is used for unexpected error in a logger included with Handleview that does’t have a specific root from which we can pin point the exact problem. These exceptions are catched, but not necesserally handled specifically.  
Each time we find those, we try to handle or correct the error to include the correction in a future release.

# Exception 3001

## Label

## The number of values don't match the number of variables in the stringTemplate in the xhvLoggerConsole.fillTemplate() private function. Please correct the following stringTemplate: & stringTemplate Details

You passed a ***stringTemplate*** that have a different number of interpolations than the number of variables in the ParamArray args when trying to log an entry.   
Ex: xhvLog.logTrace(“Message with {{more}} than {{one}} vars”, onlyOneVar)

# Exception 3002

## Label

## "The file' & this.fileName & ' is already opened. The & c\_MODULE\_NAME & cannot write to log file. Details

When you try to log an entry but the file specified in the configuration is already open when the logger tries to open the file. You can check to be sure you have not open it manually to read the log.

# Exception 3003

## Label

## Unexpected error when opening the file ' & this.fileName & ' for logging.The & c\_MODULE\_NAME & cannot write to log file." Details

When you try to log an entry but the file specified in the configuration may be corrupted or it is in a location not available at the moment or not available in the environment where you install your application.

# Exception 3004

## Label

## The Logger 'xhvLoggerJson' needs a property named 'fileName', but it was not provided on initialization. Add this property when initializing the Logger. Details

To be used properly, the 'xhvLoggerJson' needs some properties to be set when you configure it to be used in the Logging system. You need to provide these properties through a Dictionary when you configure it.

# Exception 3005

## Label

## The Logger 'xhvLoggerJson' needs a property named 'overwriteOnAppOpen', but it was not provided on initialization. Add this property when initializing the Logger. Details

To be used properly, the 'xhvLoggerJson' needs some properties to be set when you configure it to be used in the Logging system. You need to provide these properties through a Dictionary when you configure it.

# Exception 3006

## Label

## The Logger ' xhvLoggerTextFile' needs a property named 'fileName', but it was not provided on initialization. Add this property when initializing the Logger. Details

To be used properly, the xhvLoggerTextFile' needs some properties to be set when you configure it to be used in the Logging system. You need to provide these properties through a Dictionary when you configure it.

# Exception 3007

## Label

## The Logger ' xhvLoggerTextFile' needs a property named 'overwriteOnAppOpen', but it was not provided on initialization. Add this property when initializing the Logger. Details

To be used properly, the ' xhvLoggerTextFile' needs some properties to be set when you configure it to be used in the Logging system. You need to provide these properties through a Dictionary when you configure it.

# Exception 3008

## Label

## The number of values don't match the number of variables in the stringTemplate in the xhvLoggerText.fillTemplate() private function. Please correct the following stringTemplate: & stringTemplate Details

You passed a ***stringTemplate*** that have a different number of interpolations than the number of variables in the ParamArray args when trying to log an entry.   
Ex: xhvLog.logTrace(“Message with {{more}} than {{one}} vars”, onlyOneVar)