**Development knowledge document**

**IDRP SCM**

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*Technology -Hadoop*

* **Aim** – **The Idrp system is processing empty hdfs files without getting failed, in-order to abend job as soon as we get empty hdfs files , I have created the below function.**

fn\_non\_zero\_file\_check()

{ for i in $2 do

hadoop fs -test -z "$i/\*"

if [ $? -eq 0 ]; then

fn\_log\_info "\*\*\*\*ERROR: process $1-$i is empty for date $3,hence job failed\*\*\*\*"

exit 1

else

fn\_log\_info "process $i is valid for processing"

fi

done

}

This function is accessible by users by following command, users need to pass only 3 parameters to the function in respective shell script.

* **Brief description of command:-**

**fn\_non\_zero\_file\_check** ${module\_relative\_path} $all\_file\_names $CURRENT\_DATE

**Parameters Name:-**

1. module\_relative\_path
2. all\_file\_names
3. CURRENT\_DATE

* **Example:-**

module\_relative\_path= item\_eligibility/smith\_\_idrp\_eligible\_item\_current already given in script

CURRENT\_DATE= `date "+%Y-%m-%d"`

"$WORK\_\_IDRP\_KMT\_OO\_DC\_TO\_STORE\_LOCATION $WORK\_\_IDRP\_KMT\_OO\_VEND\_TO\_STORE\_LOCATION $WORK\_\_IDRP\_ONORDER\_KMART\_HARMONIZED\_LAYOUT\_SCHEMA $SMITH\_\_IDRP\_SKU\_LOCATION"

* **Command to execute script-**

/appl/hdidrp/idrpnpc/hdidrp/bin/on\_hand\_sync/work\_\_idrp\_onhand\_sears\_store\_dc\_tpw/perform\_on\_hand\_sync\_sears\_work\_\_idrp\_onhand\_sears\_store\_dc\_tpw.sh ON\_HAND\_SYNC20200203010624 /appl/conf/hdidrp/dev

* **Code added in shell script–**

. $PIG\_SCHEMAS\_DIR/work\_\_idrp\_kmt\_oo\_vend\_to\_store.schema

. $PIG\_SCHEMAS\_DIR/work\_\_idrp\_kmt\_oo\_dc\_to\_store.schema

. $PIG\_SCHEMAS\_DIR/on\_order\_sync/kmart/work\_\_idrp\_onorder\_kmart\_harmonized\_layout.schema

. $PIG\_SCHEMAS\_DIR/smith\_\_idrp\_sku.schema

fn\_non\_zero\_file\_check $module\_relative\_path "$WORK\_\_IDRP\_KMT\_OO\_DC\_TO\_STORE\_LOCATION $WORK\_\_IDRP\_KMT\_OO\_VEND\_TO\_STORE\_LOCATION $WORK\_\_IDRP\_ONORDER\_KMART\_HARMONIZED\_LAYOUT\_SCHEMA $SMITH\_\_IDRP\_SKU\_LOCATION" $CURRENT\_DATE