Workflow Designer

custom workflow trigger

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Your module is able to create your own trigger type of Workflows. You can select this type during creation of Workflow or within Start block.

This example show how to register your trigger. You need to call this function only once. Registration is stored within database.

```
if(vtlib_isModuleActive('Workflow2')) {
    /**
     * @var $workflowObj \Workflow2
     */
    $workflowObj = CRMEntity::getInstance('Workflow2');
    $workflowObj->addTrigger('unique_trigger_key', 'title',
'YourModuleName', 'Description');
}
```

unique_trigger_key	A unique key to identify your trigger
title	Shown title of your trigger in select box
YourModuleName	Used to store relationship to your module for garbage collection
Description	A short summary, when this trigger is executes

To execute all configured workflows, use this code:

```
$moduleModel = Vtiger_Module_Model::getInstance("Workflow2");

$moduleModel->runTrigger("unique_trigger_key", $crmid, [$envValues]);
```

$envValues is optional. $crmid is the record, which should used for execution. In this case you don't have any chance to influence execution of configured workflows. Al active Workflows will executed one after another.

If you want to have more opportunities to change execution, you can use the following code:

```
$triggerKey = "unique_trigger_key";
$crmid = 123; // Target record id
$envValues = array(); // Additional environment variables


global $root_directory;
require_once($root_directory."/modules/Workflow2/autoload_wf.php");

$wfManager = new \Workflow\Manager();
```


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```
if(!empty($crmid)) {
    $context = \Workflow\VTEntity::getForId($crmid);
    $workflows = $wfManager->GetWorkflows($context->getModuleName(),
$triggerKey);
} else {
    $context = \Workflow\VTEntity::getDummy();
    $workflows = $wfManager->GetWorkflows(false, $triggerKey);
}

$user = Users::getActiveAdminUser();
\Workflow\VTEntity::setUser($user);

if(!empty($envValues)) {
    $context->loadEnvironment($envValues);
}

/**
 * @var $workflows \Workflow\Main[]
 */
foreach($workflows as $wf) {
    $wf->setContext($context);

    if(!$context->isDummy()) {
        if(!$wf->checkCondition($context)) {
            continue;
        }

                // This function check if condition of Workflow allow
execution
        if(!$wf->checkExecuteCondition($context->getId())) {
            continue;
        }
    }

    $wf->start();
}
```

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