

Installing a new signature field

General premises

During the steps you can replace the names of the classes and the names of the files and/or the relative paths

If during the steps you change the names of the classes or the names of the files and/or the relative paths remember to change them also in the scripts that we are going to create and in the installation script `InstallSignatureField.php` (last step)

You can install a single signature field per module

The installation is valid for vtenext versions **18.05, 18.12, 19.10**

Installation

- Create new file `TouchCustom.php` in `modules/SDK/src/MyCustomizations/modules/Touch` folder. Copy&paste the following code in the file:

```
<?php

require_once('modules/Touch/Touch.php');

class TouchCustom extends Touch { // You can replace "Custom" with whatever you want
□
□public function __construct() {
□□parent::__construct();
□□$this->webservices['GetRecord'] = array('file' => 'overrides/TouchGetRecordCustom.php', 'class' =>
'TouchGetRecordCustom'); // You can replace "Custom" with whatever you want
```

```

    $this->webservices['SaveRecord'] = array('file' => 'overrides/TouchSaveRecordCustom.php', 'class' =>
'TouchSaveRecordCustom'); // You can replace "Custom" with whatever you want
}
}
}

```

- Create new file `TouchGetRecordCustom.php` in `modules/Touch/vtws2/overrides` folder.
Copy&paste the following code in the file:

```

<?php

require_once('modules/Touch/vtws2/TouchGetRecord.php');

class TouchGetRecordCustom extends TouchGetRecord {
}

function process(&$request) {
    $module = $request['module'];
    $record = parent::process($request);
}

if ($record && $record['success'] && $recordid == 0) {
    if (in_array($module, array('ModuleCustom1', 'ModuleCustom2', 'ModuleCustomN'))) { // ModuleCustom* are the
modules where you want to enable the signature
        $no_image_lbl = getTranslatedString('NO_SIGNATURE_IMAGE', $module);
        if (isset($record['signature']) && $record['signature'] == $no_image_lbl) {
            $record['signature'] = '';
        }
    }
}

$record['success'] = true;
return $record;
}

function retrieveRecord($module, $recordid, $prodblock = 0) {
    $record = parent::retrieveRecord($module, $recordid, $prodblock);
}

if ($recordid > 0) {
    if (in_array($module, array('ModuleCustom1', 'ModuleCustom2', 'ModuleCustomN'))) { // ModuleCustom* are the
modules where you want to enable the signature
        $no_image_lbl = getTranslatedString('NO_SIGNATURE_IMAGE', $module);

```



```

    $data = base64_decode($img);
    $file = $path . 'signature_' . md5($crmid) . '.png';
    $success = file_put_contents($file, $data);
    if ($success) {
        $values['signature'] = $file;
    }
}
}
}
}
}
}
}
}

```

- Create new file `Custom.js` in `modules/Touch/overrides`. The app will automatically download it to extend/overwrite the default behavior. Copy&paste the following code in the file:

```

(function() {
    if (Vtecrm && Vtecrm.app) {
        Ext.define("Vtecrm.view.ShowRecordCustom", { // You can replace "Custom" with whatever you want
            override: "Vtecrm.view.ShowRecord",
            signatureModules: ["HelpDesk", "ModuleCustom1", "ModuleCustom2", "ModuleCustomN"], // ModuleCustom* are
            the modules where you want to enable the signature
        });
    }
})();

```

If you already have app customizations in a file, you just need to add the class definition (`Vtecrm.view.ShowRecordCustom`).

If you have already extended/overwritten the class `Vtecrm.view.ShowRecord` you just need to overwrite the variable `signatureModules` adding the modules where you want to enable the signature

- Create new file `InstallSignatureField.php` (or whatever you want) in `plugins/script` folder and copy&paste the following code:

```

<?php
die(); // Uncomment this to run the script

require('.././config.inc.php');
chdir($root_directory);

```

```

require_once('include/utils/utils.php');
require_once('vtlib/Vtecrm/Module.php');
$Vtiger_Utills_Log = true;
global $adb, $table_prefix;
VteSession::start(); // crmv@128133

SDK::setClass('Touch', 'TouchCustom', 'modules/SDK/src/MyCustomizations/modules/Touch/TouchCustom.php');
// You can replace "Custom" with whatever you

$moduleName = 'ModuleCustom'; // ModuleCustom is the module where you want to enable the signature

$signatureBlock = new Vtiger_Block();
$signatureBlock->label = 'LBL_SIGNATURE_BLOCK';
$moduleInstance = Vtiger_Module::getInstance($moduleName);
$moduleInstance->addBlock($signatureBlock);

$fields = array();
$fields[] = array(
    ['module' => $moduleName,
    ['block' => 'LBL_SIGNATURE_BLOCK',
    ['name' => 'signature',
    ['label' => 'signature',
    ['uitype' => '1016',
    ['columnntype' => 'VARCHAR(255)',
    ['typeofdata' => 'V~O'
    ]);
include('modules/SDK/examples/fieldCreate.php');

SDK::setLanguageEntries($moduleName, 'LBL_SIGNATURE_BLOCK', array('it_it' => 'Signature Information',
'en_us' => 'Signature Information'));
SDK::setLanguageEntries($moduleName, 'signature', array('it_it' => 'Firma', 'en_us' => 'Signature'));
SDK::setLanguageEntries($moduleName, 'NO_SIGNATURE_IMAGE', array('it_it' => 'Nessuna Firma', 'en_us' =>
'No Signature'));

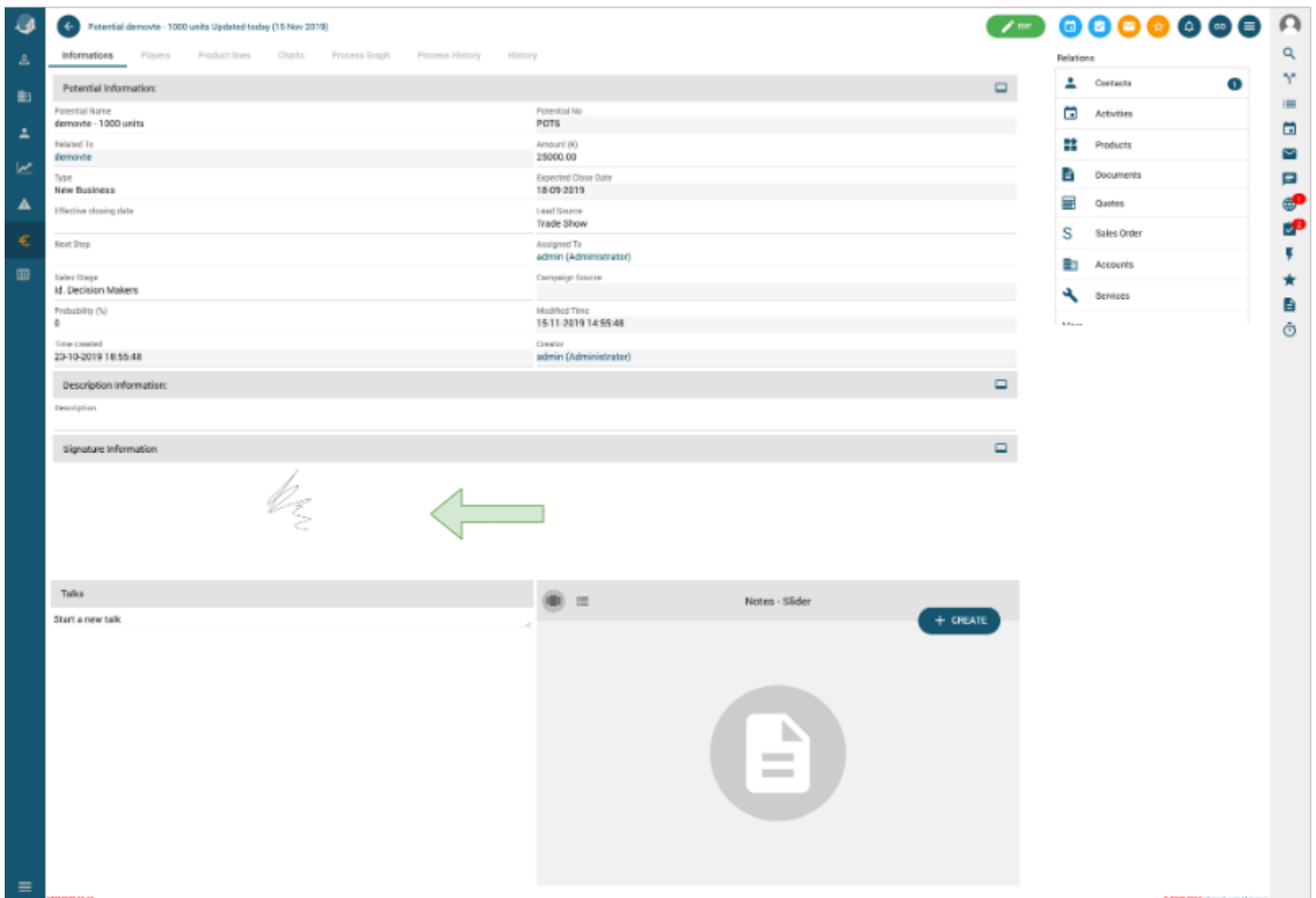
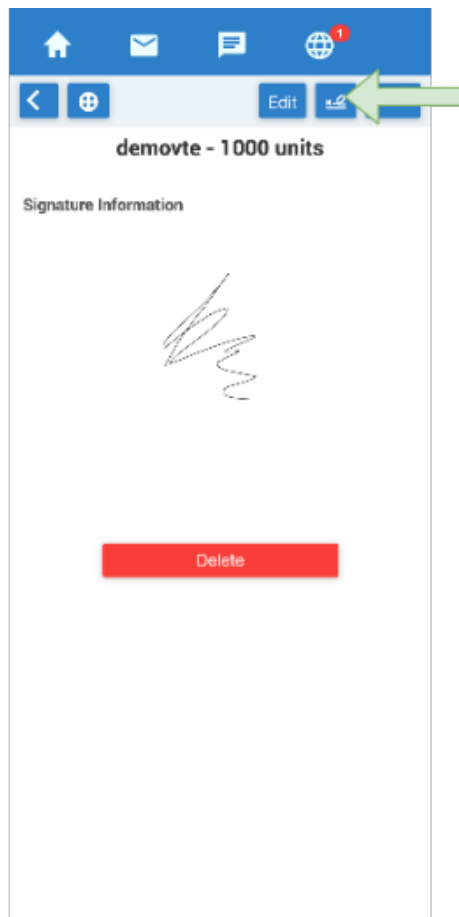
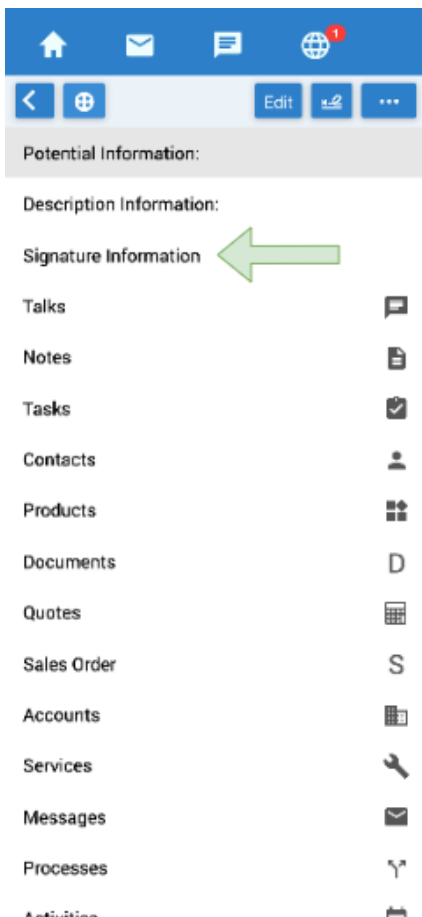
```

- Execute the file `InstallSignatureField.php` and logout/login from vtenext on both the web and app side

You can run the script in the browser or through the CLI

```
cd plugins/script && php -f InstallSignatureField.php > InstallSignatureField.log
```

Screenshots



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