1 ABOUT INTERPHASE AND THIS MANUAL

1.1 What does InterPhase do?

InterPhase is an add-on to Xinet Portal which allow administrators to quickly generate Branded Portal sites using a simple Web admin tool.

In addition to generating customized sites, InterPhase also adds some valuable tools to the solution like displaying Legal texts and alerts upon entry, filter files and folders, displaying custom entry fields for Upload forms and much more.

InterPhase installs on the backend Xinet server and can be accessed by the administrator. New sites are created in the admin tool and automatically installed onto the Portal server.
1.2 InterPhase compared to standard Portal sites

InterPhase uses its own site files that are based on and created for Xinet Portal 4.04 and higher. The site created from InterPhase has an optimized layout designed to work with as few settings as possible while creating a nicely formatted site where colors and other elements are used consistently throughout the site. The sites created from InterPhase are not intended to be edited manually after creation.

InterPhase sites work alongside other sites built using the standard toolset or by manual design. The admin tool for InterPhase is not designed to work with sites that were not created by InterPhase.

1.3 Integrated with other InPress System’s products

InterPhase is fully integrated with all other products in InPress Systems suite of tools:

- Accelerator
- InterAct
- EnRoute
- InAlias

1.4 Advantages to building sites with InterPhase

- Create polished and branded sites with minimum effort
- Quickly edit sites that has been created
- Reuse sites by copying
- Update sites easily when new releases are made by InPress Systems
- Save time keeping sites up to date with Xinet Portal releases
- Use Tools that are built-in in InterPhase but require additional programming skills in normal Portal sites: hide assets, add buttons, flag files, etc
2 INSTALLATION

2.1 Platforms & Pre-requisites

InterPhase is available for RedHat Linux, Apple MacOSX and Sun Solaris. The following versions are supported:

- RedHat Linux: 5, 32-bit (for Linux 5, 64-bit with compatibility libs installed)
- RedHat Linux: 6, 64-bit
- Apple OS X Intel 10.5 +
- Sun Sparc-Solaris 10 +

InterPhase requires Xinet® with a Xinet Xinet Portal server and the Portal server needs to be running InPress Portal Integration Kit (IPIK) of version 6.6 or higher

The supported Portal platforms for IPIK are:

- RedHat Linux: 5, 32-bit (for Linux 5, 64-bit with compatibility libs installed)
- RedHat Linux: 6, 64-bit
- Apple OS X Intel 10.5 +
- Xinet Portal version 4.X

2.2 Getting installation packages

The InterPhase software is packaged as a compressed tarfile and can be downloaded from ftp://ftp.inpress.se. The server has anonymous access.

The distribution names reflect the product, version and platform.

For example: inph.1.0.intosx.tar.gz

     inph     interphase
     1.0      version 1.0
     intosx   OS X for intel

When downloading the software, set your ftp-client to download as binary.

2.3 Installing the software

Since InterPhase is dependant on IPIK, both packages needs to be installed:

- IPIK for the Portal server
- InterPhase for the Xinet server.

Transfer the packages in a binary format from the ftp server to the servers where it should be installed. Put the file in a temporary location for the installation and unpack (gunzip and tar).
2.3.1 Installing InterPhase on the Xinet server

Make sure you are logged in as the root user when performing the installation. Uncompress by using the gunzip command and untar the installation file.

```
[root@xinet17 /]# cd /root/installs/inpress/int
[root@xinet17 int]# ls
inph.1.0.redhat5.tar.gz
[root@xinet17 int]# gunzip inph.1.0.redhat5.tar.gz
[root@xinet17 int]# tar xf inph.1.0.redhat5.tar
[root@xinet17 int]# ls
installinterphase README inph.1.0.redhat5.tar interphaseinst
```

There should now be an installation script: `installinterphase`.

Note that on OSX Servers you should always unzip and untar using the command line tools. Do not unpack “automatically” via an ftp client.

Run the installation script.

2.3.2 Installing IPIK on the Portal server

Please consult the IPIK manual for instructions on installing IPIK.

IPIK for any Portal site and IPIK as an engine for InterPhase is the same package. There is no difference in the installation procedure.

No additional configuration is required for sites that are created from InterPhase. All aspects of integration with other InPress Systems products (Accelerator, EnRoute, InterAct and InAlias) is already part of the InterPhase site.

Support for InterPhase is included in IPIK from version 6.

2.4 Updating the software

The installation script is designed to handle both original and update installations of existing InterPhase software. To update an existing installation, just run the `installinterphase` script as when making the original installation. All existing configurations will be preserved.

2.5 Accessing InterPhase admin

InterPhase Administration is a plugin (accessed from Xinet admin) that is used to create and control sites on Portal servers being served by the Xinet server.

Access the InterPhase admin utility from the Xinet nativeadmin : Plugin tab
2.6 Licensing

InterPhase needs a 16 digit license string and a 4 digit serial number provided by InPress Systems or a reseller. The license and serial number should both be entered in the licensing section of the InterPhase admin.

To be able to provide a license, the Hardware ID of the server is needed. It is displayed above the entries for serial number and license string in the licensing section.
3 CONFIGURING INTERPHASE

The InterPhase admin tool is used to create, edit, maintain and save the sites along with upload of images to be used for logos or as backgrounds. The sites will then be synced from the admin tool to the proper Portal server.

3.1 InterPhase admin

As seen previously, the InterPhase admin can be accessed via a button on the plugins tab of the Xinet admin tool.

Access the Interphase admin utility from the Xinet nativeadmin : plugin tab.

It is also possible to access the admin directly through the URL:

http://SERVERADDRESS/webnative/plugins/inphadmin

In order to access InterPhase admin, you need to be logged in as nativeadmin.

3.2 Listing Portal servers

Use the Servers & Sites button to get to a list of Portal servers that can be controlled from this Xinet server. InterPhase reads the information from the Xinet server and list all the added Portal servers.

The list will show the Portal server and give it's installed IPIK version (if installed). If the version is OK, another button will show up: Show sites.
Listing portal servers

The list show the status of a server with light (see meaning below) and a current IPIK version on the Portal server. If the status is OK, there will also be a button to show the sites on the server.

<table>
<thead>
<tr>
<th>STATUS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>OK. IPIK and InterPhase are in sync</td>
</tr>
<tr>
<td>Red</td>
<td>InterPhase cannot establish a connection to the Portal server or there is a mismatch between versions of InterPhase and IPIK</td>
</tr>
</tbody>
</table>

3.2.1 Adding more Portal servers

InterPhase will read the configuration from Xinet. Any new servers should be added from the Nativeadmin : Portal tab.

3.3 Listing sites from a Portal server

Use the Show sites button on a specific Portal server to get to a list of sites on that server. InterPhase will only show sites that has been created by InterPhase.

The list will show the sites along with a status light and some associated information for the site. There may also be three buttons after the site (depending on status): Edit, Delete and View.

Listing InterPhase sites from the selected Portal host. The list show status, comment, type of site, host, inalias setup and dates for creation and last edit.
A site with status OK (green light) can be edited, deleted and viewed using the buttons on the right side.

### 3.3.1 Add a new site

Use the **Add new site** button on the top right to create a new InterPhase site.

A dialogue is shown where to enter name, Xinet host, a comment and to select the baselayout to be used for the site. It is also possible to copy another site while making a new.

The new site will be created on the Portal server when the **Add site** button is clicked. The starting point for the site look and feel will either be the selected baselayout with default colors and logo or the site that was copied (if that option was used). After creation, the site can be edited using the interface.

<table>
<thead>
<tr>
<th><strong>ADD NEW SITE OPTION</strong></th>
<th><strong>DESCRIPTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name</strong></td>
<td>Site name on Portal. This is the name of the folder that enclose the site and it follow the same limitations as any Portal site when it comes to allowed characters.</td>
</tr>
<tr>
<td><strong>Xinet host</strong></td>
<td>The Xinet server host address that should be used for the site. This information corresponds to the Xinet host info that is configured in the site’s config.inc.php file ($WNHOSTNAME). A default value will be shown here if there are sites already created by InterPhase for this server. <strong>Examples</strong>: ssl://myserver.portal.com:443, myportal.company.com, 192.168.20.20</td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td>An optional comment describing the site. Only used in the admin tool.</td>
</tr>
<tr>
<td><strong>Baselayout</strong></td>
<td>Select the baselayout to be used for the site or copy an already existing site. <strong>Classic</strong>: Site layout that has a navigation bar to the left above which a logo can be placed. <strong>Compact</strong>: Site layout which has the navigation as a palette and shows asset as large as possible. Most features are implemented as “compact” as possible. <strong>Simple</strong>: Site layout with no navigation bar. Logo goes at the full width at the top.</td>
</tr>
</tbody>
</table>

The admin tool will not allow for creating sites with names that already are in use. Site name, WebNative host and baselayout cannot be changed after the site has been created.
3.3.2 Edit site

Use the Edit button after the site to edit details of the site and to save settings and sync to the portal server.

3.3.3 Delete site

Use the Delete button to delete the site on the Portal server and Xinet server. This cannot be undone.

3.3.4 View site

Use the View button to view the site in a new tab / window.

3.4 Base Layouts

There are three base layouts available in InterPhase 1.1: Classic, Compact and Simple.

The Classic layout has a navigation bar to the left and show assets to the right, while the Simple layout has no navigation and uses a defined width with a “desktop” backgrounding the active area.

Compact is similar to Simple but with a navigation section that is displayed by hovering over the current folder. The display of basket, buttons for asset actions and other details are also a bit different.

Assets are displayed as large as possible to fit inside a square thumbnail. The image is scaled to fit as large as possible and then cropped vertically or horizontally depending on geometry. Use the “show full sized” button to show the thumbnail without cropping.
3.5 Edit a site

When a site has been added or when the Edit button is clicked, the interface will change to the site edit page. This page holds all the configurations for setting colors, uploading graphics and changing other behaviour of the site.

The page and its configurations are divided into a number of sections: Base, Login, Layout, InAlias, Legal and Alert. The sections can be folded and unfolded by clicking on the section label.

Each section is described below with details on all the possible configurations within the section.

3.5.1 Base

The base section’s only editable fields are the comment and the title. The comment was initially given when the site was added. The title is the Page title displayed in the Browser.

This section also show the name, Xinet host and type of baselayout.
### 3.5.2 Login

The login section is used to define the login page of the site.

The layout background (see next section) will be used as background if no option is selected for the background (URL or image) for the Login.

<table>
<thead>
<tr>
<th>OPTION</th>
<th>BASELAYOUT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Login page URL</td>
<td>-</td>
<td>Type in an URL here. The page at the URL will be shown as an unclickable background to the login box</td>
</tr>
<tr>
<td>Login page Image</td>
<td>-</td>
<td>Upload an image here. The image will be used as an unclickable background to the login box. The image is automatically tiled. Use a png image.</td>
</tr>
<tr>
<td>Login Type</td>
<td>-</td>
<td>Select type of login box: Standard or Small</td>
</tr>
<tr>
<td>Login box background</td>
<td>-</td>
<td>Background color to be used inside the login box. Layout plate color (below) will be used if left empty. Use html color specification like #112233, rgb(10,20,30) or a named color.</td>
</tr>
<tr>
<td>Login box text color</td>
<td>-</td>
<td>Color on texts. Layout text color (below) will be used if left empty. Use html color specification like #112233, rgb(10,20,30) or a named color.</td>
</tr>
<tr>
<td>Login box position</td>
<td>-</td>
<td>Select the placement of the login box: centered, top left, top right, bottom left and bottom right.</td>
</tr>
<tr>
<td>Margin</td>
<td>-</td>
<td>Margin to the edge of the window from the login box. Insert a number only. Default is 40px. To use different margin for vertical and horizontal, insert both values separated by a ; (semi-colon), vertical followed by horizontal. Example: 55;250 = 55px vertical and 250 px horizontal margin</td>
</tr>
<tr>
<td>Localized language</td>
<td>-</td>
<td>Type in titles to replace the default Username, Password and Login.</td>
</tr>
</tbody>
</table>

Sample setting for the login screen
3.5.3 Layout

The layout section is used to define the look and feel of the site. It is possible to set background (to color or background image), define a logo and set main text color and plate color. Depending on the selected base layout there may also be some other options.

<table>
<thead>
<tr>
<th>OPTION</th>
<th>BASELAYOUT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>
| Logotype          | -           | Select and upload a logo.  
Use png files and make room in the logo for margins |
| Logotype display mode | Classic     | Select wether to display the logo across the full top of the page (only option in baselayout Simple) or only over the navigation bar to the left. |
| Navigator width   | Classic     | Width of navigation bar to the left. Defaults to 280px  
Use numbers only which will be interpreted as pixels (px) |
| Page Width        | Simple      | Width of the page. The Simple baselayout displays a desktop area behind the active area. The width of the active area defaults to 1024 px.  
Use numbers only which will be interpreted as pixels (px) |
| Page Alignment    | Simple      | Alignment of the active area within the full browser window. |
| Background Image  | -           | Select and upload an image to be used for background. The image should be a png image. It will be tiled automatically.  
Any background image will overwrite a color. |
| Background Color  | -           | Background color to be used.  
Use html color specification like #112233, rgb(10,20,30) or a named color.  
A selected background image overwrites the color. |
| Desktop Image     | Simple      | Select and upload an image to be used for the desktop. The image should be a png image. It will be tiled automatically.  
Any background image will overwrite a color. |
| Desktop Color     | Simple      | Desktop color to be used.  
Use html color specification like #112233, rgb(10,20,30) or a named color.  
A selected desktop image overwrites the color. |
<table>
<thead>
<tr>
<th>OPTION</th>
<th>BASELAYOUT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate Color</td>
<td>-</td>
<td>Color used on navigation bar, Asset background etc. TIP: using a transparent rgba() color definition can be used to create nice effects together with a background image.</td>
</tr>
<tr>
<td>Text Color</td>
<td>-</td>
<td>Color on texts. Use html color specification like #112233, rgb(10,20,30) or a named color.</td>
</tr>
<tr>
<td>Icon set</td>
<td>-</td>
<td>Select icon set to use. Classic is the standard Portal set and Light is a greyscale set shipped as part of InterPhase.</td>
</tr>
<tr>
<td>Action buttons</td>
<td>Compact</td>
<td>Select whether to use icons or text for the action buttons</td>
</tr>
</tbody>
</table>

Layout based on classic using an image background, logo, a transparent plate color and a text color.

Clicking on an image or logo will open a preview on top of the page.

The resulting site from the above settings
3.5.4 **InAlias**

The InAlias section is used to associate an InterPhase site with an InAlias configuration. Select the InAlias configuration to use. The proper InAlias behaviour will automatically be assigned to the site.

See the InAlias documentation for more information on how to setup InAlias functionality like autologin, user registration and password retrieval options.

![Selecting an InAlias configuration to use with the site](image)

3.5.5 **Legal**

The legal section allows the admin to insert a legal message that is displayed upon login. The user that logs in is required to confirm reading the legal before being able to continue. The user will be logged out if the legal is not confirmed.

The message, title and button texts can be configured as needed.

<table>
<thead>
<tr>
<th>OPTION</th>
<th>BASELAYOUT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Legal</td>
<td>-</td>
<td>Enable or disable the legal text on login.</td>
</tr>
<tr>
<td>Legal title</td>
<td>-</td>
<td>Title to display at the top of the legal box.</td>
</tr>
<tr>
<td>Legal text</td>
<td>-</td>
<td>The body of legal text to display.</td>
</tr>
<tr>
<td>OK Button</td>
<td>-</td>
<td>Text on the Accept (OK) button.</td>
</tr>
<tr>
<td>Cancel Button</td>
<td>-</td>
<td>Text on the Do not Accept (Cancel) button.</td>
</tr>
</tbody>
</table>

![Setting up legal on the site](image)
The alert section allows is similar to the legal section. It will display a message to the user right after logging in. The message is intended to be used for sending messages to users, for example to make users aware of upcoming activities, etc. Contrary to the legal message, the alert message has no Cancel function.

The message, title and button texts can be configured as needed.

<table>
<thead>
<tr>
<th>OPTION</th>
<th>BASELAYOUT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable Alert</td>
<td>-</td>
<td>Enable or disable the alert text on login.</td>
</tr>
<tr>
<td>Alert title</td>
<td>-</td>
<td>Title to display at the top of the alert box.</td>
</tr>
<tr>
<td>Alert text</td>
<td>-</td>
<td>The body of alert text to display.</td>
</tr>
<tr>
<td>OK Button</td>
<td>-</td>
<td>Text on the Accept (OK) button.</td>
</tr>
</tbody>
</table>

Setting up alert on the site

Resulting alert on login
### 3.6 Configuring InterPhase Tools

InterPhase offer additional tools that add functionality that would otherwise require custom programming of the site. The tools add the following functionality:

- Filter files and folders from the user view
- Flag assets with a color border
- Rename assets to use a keyword field as display name
- Create custom InterAct plugin buttons on assets
- Control Upload function
- Customized Upload screen with Upload email and Reports
- Ability to attach Images and text to volumes
- Add links to other pages/sites that turn up in the Dashboard (top level links)

The tools require a manual setup per site using a configuration file that goes into the site. The file has a predetermined structure that need to be followed as well as predetermined filenames. Four different tool files can be created to enable the functions from above. Each file is described in its own section below.

#### 3.6.1 Tools common configuration structure and elements

All the tools share the same configuration structure. The tool may have multiple subtools which each has a condition on when to become active and a specification on how to use the tool. The conditions section is common among all tools. Some tool specifications are simple while others may be more complex.

Interphase will run through all subtools in every tool whenever needed and determine if a certain specification should be used or not.

**Example:**

A Filter tool has two subtools configured.

The first subtool has a condition set up to become active if an asset or folder has the word *hideme* or *tohide* inside the path.

The second subtool has a condition set up to become active if the *Keyword Hide is set to 1*

The Filter tool needs no further specification.

The resulting config file needed is shown below. It should be saved to the Site top level folder.

```php
<?
// first subtool, condition using a keyword field
$INPH["filefilter"][0]["cond"]['keywords'][0]['name'] = "HIDE";
$INPH["filefilter"][0]["cond"]['keywords'][0]['value'] = "1";
// second subtool, condition using two possible tokens in path
$INPH["filefilter"][1]["cond"]['tokens'] = array("hideme","tohide");
?>
```

The text above is saved in a file to the top of the site folder.
Saving the conf file using bbEdit.

The condition section of a subtool share the same structure for all tools. It consists of settings for matching user, group, paths, tokens, filetypes and keywords. For a subtool to be seen as active all the conditions need to be matched. Any empty condition or a condition that is left out is not tested and counts as matched.

Keywords cannot be used for upload settings.

Below are descriptions of all available condition types. Each type of tool is explained in following sections.

<table>
<thead>
<tr>
<th>CONDITION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>
| **Users**     | Array of user names to match. Current user needs to be in list.  
Example: $INPH["filefilter"][[0]["cond"]]["users"] = array("donald_duck","mickey_mouse"); |
| **Groups**    | Array of group names to match. Current user’s primary group needs to be in list.  
Example: $INPH["filefilter"][[0]["cond"]]["groups"] = array("admins","prepress"); |
| **Enabledpaths** | Array of paths. Current asset need to be inside one of the paths.  
Paths are given with full path and need to be URL encoded  
Example: $INPH["upload"][[0]["cond"]]["enabledpaths"] = array("/raid/New%20Files"); |
| **Tokens**    | Array of string tokens to be matched within the path. Can be part of filenames, folders, paths, etc. The token match is not case sensitive.  
Example: $INPH["filebutton"][[0]["cond"]]["tokens"] = array(".jpg");  
Example: $INPH["upload"][[0]["cond"]]["tokens"] = array("upload"); |
| **Filetypes** | Array of filetypes to be matched.  
Example: $INPH["filebutton"][[0]["cond"]]["filetypes"] = array("PFD","EPSF"); |
<table>
<thead>
<tr>
<th>CONDITION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keywords</td>
<td>Subarray specifying the keyword, value and operator for the match. Name is the name of the keyword Value is the value to match. Note that the value for a boolean field is “true” or “false” Operator is the type of match. Possible values are equals, notequals, hasvalue, hasnovalue, lessthan, greaterthan, start and end. equals: true if keyword value equals the specified value notequals: true if keyword value is not equal to the specified value hasvalue: true if keyword has a value. Specified value setting is not used hasnovalue: true if keyword has no value. Specified value setting is not used lessthan: true if keyword value is less than specified value (integers) greaterthan: true if keyword value is greater than specified value (integers) start: true if current date is same as or greater than keyword value (date) end: true if current date is lower than keyword value (date) Note that the keyword has to be turned on for browse for a keyword condition to work. Example:</td>
</tr>
</tbody>
</table>

3.6.2 Filter files and folders

This tool is used to filter files and folders from being displayed to the user. This tool has no specifications in addition to the conditions.

The filename of the configuration file for filtering is inph_filter_conf.php and the name of the main array in the config file is filefilter. See examples below.

All of the described conditions above may be used to activate the subtool.

**Example:** Filter any file that has the keyword Hide set to true.

Configuration file (inph_filter_conf.php) :

```php
<?
// this file is named inph_filter_conf.php and saved in the top level of the site
// a single subtool, condition using a keywordfield
$INPH["filefilter"][0]["cond"]["keywords"][0]["name"] = "HIDE";
$INPH["filefilter"][0]["cond"]["keywords"][0]["value"] = "true";
$INPH["filefilter"][0]["cond"]["keywords"][0]["operator"] = "equals";
?>
```

With keywords setup like this:
A browse view may look like this before saving the config:

And like this after, the files IMG20002.JPG and IMG20016.JPG being filtered:

Example: Filter any folder named TEMP in the Jobs/Client folder.

Configuration file (inph_filter_conf.php):

```php
<?
  // this file is named inph_filter_conf.php and saved in the top level of the site
  // a single subtool, condition using a combination of path and token
  $INPH["filefilter"][0]["cond"]["enabledpaths"] = array("/FP_VOLS/Jobs/Clients")
  $INPH["filefilter"][0]["cond"]["tokens"] = array("/TEMP/")
?>
```
A browse view may look like this before saving the config:

And like this after, the folders named “TEMP” being filtered:

3.6.3 Flag files with color or display name from keyword

This tool is used to flag assets when being displayed to the user. The flagging may be done by adding a colored border to the plate surrounding the asset or by changing the display name of the asset to a value retrieved from a keyword.

The filename of the configuration file for flagging is `inph_flag_conf.php` and the name of the main array in the config file is `fileflag`. See example below.
All of the described conditions above may be used to activate the subtool.

The tool has two possible specifications: **color** and **dbfilename**

Color should be a valid html color to use for the border and dbfilename a keywordname from the database. Note that the keyword needs to be enabled to view in browse.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>color</td>
<td>Color to set on border for flagged assets. Example: $INPH[&quot;fileflag&quot;][0][&quot;spec&quot;][&quot;color&quot;] = &quot;#ff0000&quot;;</td>
</tr>
<tr>
<td>dbfilename</td>
<td>Array of group names to match. Current user's primary group needs to be in list. Example: $INPH[&quot;fileflag&quot;][0][&quot;spec&quot;][&quot;dbfilename&quot;] = &quot;SKU-number&quot;;</td>
</tr>
</tbody>
</table>

**Example**: Flag assets using the keyword *Approval Status*.

Configuration file (inph_flag_conf.php) :

```php
// this file is named inph_flag_conf.php and saved in the top level of the site
// first subtool, setting color to red on value “Rejected”
$INPH["fileflag"][0]["cond"]["keywords"][0]["name"] = "Approval_status";
$INPH["fileflag"][0]["cond"]["keywords"][0]["operator"] = "equals";
$INPH["fileflag"][0]["cond"]["keywords"][0]["value"] = "Rejected";
$INPH["fileflag"][0]["spec"]["color"] = "#ff0000";
// second subtool, setting color to yellow on value “Waiting”
$INPH["fileflag"][1]["cond"]["keywords"][0]["name"] = "Approval_status";
$INPH["fileflag"][1]["cond"]["keywords"][0]["operator"] = "equals";
$INPH["fileflag"][1]["cond"]["keywords"][0]["value"] = "Waiting";
$INPH["fileflag"][1]["spec"]["color"] = "#00ff00";
?>
```

The assets IMG20001.JPG and IMG20006.JPG gets flagged because of the values on the field Approval Status:
**Example:** Flag assets using dates in *End rights* keyword field.

Configuration file (inph_flag_conf.php):

```php
// this file is named inph_flag_conf.php and saved in the top level of the site
// first subtool, setting color to red on value "Rejected"
$INPH["fileflag"][0]["cond"]("keywords")[0]["name"] = "End_rights";
$INPH["fileflag"][0]["cond"]("keywords")[0]["operator"] = "start";
$INPH["fileflag"][0]["cond"]("keywords")[0]["value"] = "";
$INPH["fileflag"][0]["spec"]("color") = "#FF0000";
$INPH["fileflag"][0]["spec"]("dbfilename") = "End_rights";
```

The setting will create a red border on any assets where there is a value set on the date keyword *End Rights* and that date has been reached. The name of the asset is changed to the date as well in this example for illustrative purposes.

### 3.6.4 Create custom button for InterAct

This tool is used to create custom InterAct buttons next to other action buttons beneath the thumbnail. The button will enable a certain plugin to run immediately on the asset without having to add it to the basket first.

The filename of the configuration file for filtering is *inph_button_conf.php* and the name of the main array in the config file is *filebutton*. See examples below.

All of the described conditions above may be used to activate the subtool.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>title</td>
<td>Title used when hovering over icon. Example: <code>$INPH[&quot;filebutton&quot;][0][&quot;spec&quot;](&quot;title&quot;) = &quot;Request this item&quot;;</code></td>
</tr>
<tr>
<td>text</td>
<td>Title used when no icon has been set. Example: <code>$INPH[&quot;filebutton&quot;][0][&quot;spec&quot;](&quot;title&quot;) = &quot;File Request&quot;;</code></td>
</tr>
<tr>
<td>icon</td>
<td>Name of icon to use. Must exist in the site’s image directory. Example: <code>$INPH[&quot;filebutton&quot;][0][&quot;spec&quot;](&quot;icon&quot;) = &quot;printer_32.png&quot;;</code></td>
</tr>
<tr>
<td>runplug</td>
<td>Definition of what InterAct plugin to use. Example: <code>$INPH[&quot;filebutton&quot;][0][&quot;spec&quot;](&quot;runplug&quot;) = &quot;tr_cust?-fcollect_+&quot;;</code></td>
</tr>
</tbody>
</table>
**Example:** Add InterAct collect to any asset inside a certain subfolder with a certain extension in the name.

Configuration file (inph_button_conf.php):

```php
<?

// this file is named inph_button_conf.php and saved in the top level of the site
// a single subtool, condition using a keywordfield
$INPH["filebutton"][0]["cond"]['enabledpaths'] = array("/FP_VOLS/Jobs/Clients");
$INPH["filebutton"][0]["cond"]['tokens'] = array("/Final%20PDFs/");
$INPH["filebutton"][0]["cond"]['filetypes'] = array("PDF");
$INPH["filebutton"][0]["spec"]['title'] = "Order a Reprint";
$INPH["filebutton"][0]["spec"]['icon'] = "printer_32.png";
$INPH["filebutton"][0]["spec"]['runplug'] = "tr_cust?-fcollect_+";
?>
```

InterPhase will create the button when inside the path /FP_VOLS/Jobs/Clients and in a folder named Final PDFs and for PDF documents only. The button points to the InterAct collect function and opens up immediately for that asset only.

### 3.6.5 Control upload and make uploadform

This tool can be used to control several aspects of the upload feature in Portal:

- Create a direct link from a volume to the upload form directly
- Disable uploads based on the InterPhase tool criteria
- Enable upload notification to be sent
- Enable an upload report to be written
- Create custom fields to accompany upload information into notification and report
- Create workflows together with InPress Systems EnRoute

The filename of the configuration file for filtering is `inph_upload_conf.php` and the name of the main array in the config file is `upload`. See examples below.

Keyword based criteria cannot be used as a condition to activate the upload tool. Filetype is also always going to be a directory.
<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>CATEGORY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
</table>
| direct        | main     | InterPhase will pass user directly to form when this is set to true.  
Example: `$INPH["upload"][0]["spec"]["direct"] = true;` |
| disabled      | main     | InterPhase will disable upload for this path when set to true.  
Example: `$INPH["upload"][0]["spec"]["disabled"] = true;` |
| uploadfolder  | main     | Redirect the upload to this path.  
Example: `$INPH["upload"][0]["spec"]["uploadfolder"] = "/raid/incoming_files";` |
| headline      | main     | Text to replace the standard Upload text.  
Example: `$INPH["upload"][0]["spec"]["headline"] = "Submit files here";` |
| description   | main     | Descriptive text that will display beneath headline.  
Example: `$INPH["upload"][0]["spec"]["headline"] = "Make sure you add the right information for each file that is being uploaded. You will receive a receipt if you submit an email address in the Email field.";` |
| enableresport | uploadreport | Enable printing of uploadreport when an upload is made.  
Example: `$INPH["upload"][0]["spec"]["enableresport"] = true;` |
| reportpath    | uploadreport | Customize where to print the report.  
Defaults to the same directory as where files are uploaded to.  
Example: `$INPH["upload"][0]["spec"]["reportname"] = "/raid/reports";` |
| reportlayout  | uploadreport | Customize what layout to use for the report.  
Report templates are located in `/usr/inpress/setup/reportlayouts`.  
Defaults to `uploadreport.xml`  
Example: `$INPH["upload"][0]["spec"]["reportlayout"] = "myreportlayout";` |
| reportname    | uploadreport | Customize name of report. Defaults to `uploadreport.xml`  
Example: `$INPH["upload"][0]["spec"]["reportname"] = "myreport.txt";` |
| reportdynpath | uploadreport | Use optional dynamic path to decide where to save the report. The report generation when using this option is of "InPress type" and can handle variables in the path as well as options to append to current reports. See Accelerator, InterAct or EnRoute manuals for more information.  
Example: `$INPH["upload"][0]["spec"]["reportdynpath"] = "/raid/reports/date(%Y-%m)&/&user&.uploads.xml";` |
| enableemail   | uploademail | Enable sending an uploadreport when an upload is made.  
Example: `$INPH["upload"][0]["spec"]["enableemail"] = true;` |
| uploademail   | uploademail | Email where to send the uploadreport. InterPhase will try the user's upload email setting if left empty.  
Example: `$INPH["upload"][0]["spec"]["uploademail"] = "dd@duckburg.org";` |
| emailsender   | uploademail | Email address to use as replyto when sending the uploadreport.  
Example: `$INPH["upload"][0]["spec"]["emailsender"] = "dd@duckburg.org";` |
| emaillayout   | uploademail | Customize what layout to use for the email.  
Email templates are located in `/usr/inpress/setup/emaillayouts`.  
Defaults to `uploademail`  
Example: `$INPH["upload"][0]["spec"]["emaillayout"] = "myemaillayout";` |
| maininputs    | uploadform | Array that defines all form elements that are not specific to an asset.  
See each subelement below and a complete example after this table.  
| title         | uploadform | Title to display to the left of element  
| name          | uploadform | Name of element. Follow standard html form character restrictions.  
| hidden        | uploadform | Set to true to make the element hidden  
| required      | uploadform | Set to true to make the element required  
| value         | uploadform | Initial value for input field and selects, actual value for hidden fields.  
| options       | uploadform | Array of options in a select. Each option has a text and a value element.  
See example below.  
| fileinputs    | uploadform | Array that defines all form elements that are specific to each asset.  
Fileinputs have the same subelements as maininputs.  
See each subelement below and a complete example after this table.  
|
Example: Control upload appearance on only certain places.

This example will turn off Upload on all locations except when inside a folder named "Upload." NOTE: the upload function still has to be enabled as usual in the user/volume setup.

Configuration file (inph_upload_conf.php):

```php
<?
    // this file is named inph_upload_conf.php and saved in the top level of the site
    // first subtool, condition using a token to search for in the path
    $INPH["upload"][0]["cond"]['tokens'] = array("/UPLOAD/");
    $INPH["upload"][0]["spec"]['headline'] = "Upload your files here";
    // second subtool, condition any path
    $INPH["upload"][1]["cond"]['enabledpaths'] = array("/");
    $INPH["upload"][1]["spec"]['disabled'] = true;
?>
```

Example: Give direct access to upload from a dedicated upload volume.

This example will redirect the user directly to the upload form when the volume corresponding to the path /raid/UPLOADAREA is accessed.

Configuration file (inph_upload_conf.php):

```php
<?
    // this file is named inph_upload_conf.php and saved in the top level of the site
    // first subtool, condition using a token to search for in the path
    $INPH["upload"][0]["cond"]['enabledpaths'] = array("/raid/UPLOADAREA");
    $INPH["upload"][0]["spec"]['direct'] = true;
?>
```
**Example:** Generate an upload form with report and notification.

This example will replace the normal upload page with a form with one field that is general for the upload and one field that is specific per asset. The collected info will be used to generate an upload notification that is sent to the users uploademail as defined in WebNative and a report to a dynamic path.

Configuration file (inph_upload_conf.php):

```php
<?
// this file is named inph_upload_conf.php and saved in the top level of the site
// subtool, no condition is used, meaning this subtool is always active
// report
$INPH["upload"][0]["spec"]['enablereport'] = true;
$INPH["upload"][0]["spec"]['reportdynpath'] =
    "/FP_VOLS/OUT/uploadreports/d&date(%Y-%m)&/user&.uploads.xml";
// email
$INPH["upload"][0]["spec"]['enableemail'] = true;
$INPH["upload"][0]["spec"]['emailsender'] = "info@inpress.se";
// main fields
$INPH["upload"][0]["spec"]['maininputs'][0]["title"] = "Enter Project ID";
$INPH["upload"][0]["spec"]['maininputs'][0]["name"] = "PROJID";
$INPH["upload"][0]["spec"]['maininputs'][0]["hidden"] = "no";
$INPH["upload"][0]["spec"]['maininputs'][0]["required"] = "yes";
$INPH["upload"][0]["spec"]['maininputs'][0]["value"] = "";
// file fields
$INPH["upload"][0]["spec"]['fileinputs'][0]["title"] = "Comment";
$INPH["upload"][0]["spec"]['fileinputs'][0]["name"] = "COMMENT";
$INPH["upload"][0]["spec"]['fileinputs'][0]["hidden"] = "no";
$INPH["upload"][0]["spec"]['fileinputs'][0]["required"] = "no";
$INPH["upload"][0]["spec"]['fileinputs'][0]["value"] = "";
?>
```

The resulting form for the user

![Upload form with additional fields](image.png)

Upload with additional form fields. Both general and per file.
The upload results in an email being sent to “demoadmin@inpress.se” which was setup in the WebNative user section as uploademail. It is possible to insert the email in the setup as well.

The email below uses the default email layout.

```
From: info@inpress.se
Date: 19 Jul 2013 10:04:19 CEST
To: demoadmin@inpress.se

Uploadreport 2013-07-19 10.04.19

User demo
Group demogroup
Date 2013-07-19
Time 10.04.19

PROJ ID 2013-487267950

Files

 /FP_VOLS/images/UPLOAD/flavormap.pdf
 COMMENT A comment for this file
 /FP_VOLS/images/UPLOAD/enroute_2.2.pdf

Output of an upload report
```

An upload report is written to the dynamic path:

/FP_VOLS/OUT/uploadreports/&date(%Y-%m)&/user&.uploads.xml

The date is interpreted according to the specification (%Y-%m) and username comes from the upload. It is also possible to use the main input field data as part of the path.

The format of the report is configurable. In this case the default was being used.
3.6.6 Add images and text to volumes in Toplevel

This feature lets you add images and text to volumes in Toplevel. The elements are displayed a bit different depending on which baselayout is being used:

- Classic - Volume icon is changed to image, comment is displayed as tiptip when hovering
- Compact - Volume icon is changed to image, comment is displayed beneath image
- Simple - Image and comment are displayed in a dropdown when hovering the name in the navigation menu

The configuration object is an array that defines what Volume name (or names) to match and when matched, if text and/or images should be applied. The volume name(s) belong to the subobject 'cond' and the comment and image setup to the subobject 'spec' (similar to the filters above).

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>volnames</td>
<td>Array of names to be matched to this setup. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;cond&quot;][&quot;volnames&quot;] = array(&quot;Jobs&quot;);</code></td>
</tr>
<tr>
<td>comment</td>
<td>A text displayed on the specified volume. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;comment&quot;] = &quot;This is a text...&quot;;</code></td>
</tr>
<tr>
<td>headimage</td>
<td>Image source address to main image displayed above volume name. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;headimage&quot;] = &quot;http://img.com/img.jpg&quot;;</code></td>
</tr>
<tr>
<td>headimagew</td>
<td>Pixel width of headimage. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;headimagew&quot;] = &quot;320px&quot;;</code></td>
</tr>
<tr>
<td>headimageh</td>
<td>Pixel height of headimage. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;headimageh&quot;] = &quot;213px&quot;;</code></td>
</tr>
<tr>
<td>image</td>
<td>Image source address to inline image displayed together with comment. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;image&quot;] = &quot;http://img.com/img.jpg&quot;;</code></td>
</tr>
<tr>
<td>imagew</td>
<td>Pixel width of image. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;imagew&quot;] = &quot;75px&quot;;</code></td>
</tr>
<tr>
<td>imagefloat</td>
<td>Where should the image float? left, right or leave empty for default. Example: <code>$INPH[&quot;volume_comment&quot;][0][&quot;spec&quot;][&quot;imagefloat&quot;] = &quot;left&quot;;</code></td>
</tr>
</tbody>
</table>

Example: Add image and text to two volumes in toplevel: **Image gallery** and **Work in progress**

```php
<?
// this file is named inph_comment_conf.php and saved in the top level of the site
$INPH["volume_comment"][0]["cond"]["volnames"] = array("Image gallery");
$INPH["volume_comment"][0]["spec"]["comment"] = "Lorem ipsum...";
$INPH["volume_comment"][0]["spec"]["headimage"] = "http://image.com/image.jpg";
$INPH["volume_comment"][0]["spec"]["headimagew"] = "320px";
$INPH["volume_comment"][0]["spec"]["headimageh"] = "213px";
$INPH["volume_comment"][1]["cond"]["volnames"] = array("Work in progress");
$INPH["volume_comment"][1]["spec"]["comment"] = "Lorem ipsum...";
$INPH["volume_comment"][1]["spec"]["headimage"] = "http://image.com/image.jpg";
$INPH["volume_comment"][1]["spec"]["headimagew"] = "320px";
$INPH["volume_comment"][1]["spec"]["headimageh"] = "213px";
?>```
The result using different baselayouts:

The result using the Compac baselayout

The result using the Classic baselayout

The result using the Simple baselayout
3.6.7 Add links to the Dashboard

This configuration adds links to the Dashboard (toplevel links). When clicked, they open in a lightbox.

The configuration object is an array that defines a text, title and the link to use.

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>text</td>
<td>The text on the link. Example: <code>$INPH[&quot;links&quot;][0][&quot;text&quot;] = &quot;InPress Systems AB&quot;;</code></td>
</tr>
<tr>
<td>title</td>
<td>A text as tippet when hovering the link. Example: <code>$INPH[&quot;links&quot;][0][&quot;title&quot;] = &quot;See InPress Systems website for info&quot;;</code></td>
</tr>
<tr>
<td>href</td>
<td>URL to go to. Example: <code>$INPH[&quot;links&quot;][0][&quot;href&quot;] = &quot;http://www.inpress.se&quot;;</code></td>
</tr>
</tbody>
</table>

Example: Add link to InPress Website.

```php
<?
// this file is named inph_links_conf.php and saved in the top level of the site
$INPH["links"][0]["text"] = "InPress Systems AB";
$INPH["links"][0]["title"] = "See InPress Systems website for info";
$INPH["links"][0]["href"] = "http://www.inpress.se";
?>
```

Links as displayed in a Compact site:

![Compact site example](image1)

Links as displayed in a Classic or Simple site:

![Classic/Simple site example](image2)

3.7 InterPhase templates and files

InterPhase sites has been developed to be controlled from the InterPhase admin tool. That means that the normal Xinet Portal admin theme editor cannot be used on an InterPhase site.

While the site files can be edited manually it is not recommended since they are updated as soon as something is changed on the site in the admin tool. If the pages are edited, it is possible to use the setting for "update site pages..." on the base tab to avoid overwriting the pages.
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