

MPAGES_EVENT

MPAGES_EVENT is the routine used to evoke special conversation events from within a web page.

Note: This event type is only valid with an *MPages* license.

For this routine to work, the following META tag must be included in the HEAD of the html file:
<META content='MPAGES_EVENT' name='discern'>

Syntax

MPAGES_EVENT(eventname,parameters)

Metasymbols

eventname

A textual string representing the name of the conversation event that is to be triggered. The following options are valid:

ALLERGY	Specifies that the Allergy conversation will be launched.
POWERFORM	Specifies that the Powerform conversation will be launched.
POWERNOTE	Specifies that the PowerNote conversation will be launched. This is dependent on the PowerNote functionality to support modal windows.
ORDERS	Specifies that the Modal Order Entry Window will be launched.

Parameters

A pipe-delimited string representing the parameters fed into the conversation event. When a given parameter requires a list, curly brackets ({ and }) must be used to enclose each set of data. Context variables are not supported in the parameters. Provided below are the parameters accepted by each conversation event.

Conversation	Parameter	Description
Allergy	personId	The person_id of the patient whose Allergy information is to be displayed.
	encntrId	The encntr_id of the patient whose Allergy information is to be displayed.
	allergyId	The allergy_id of an existing specific patient allergy to be displayed. This information can be pulled from the ALLERGY_ID of the ALLERGY table for the personId and encntrId. When an allergyId is provided, it allows for the modifying of an existing allergy and ignores the nomenId, substanceDisp, conceptId, substanceTypeCd, and substanceTypeDisplay fields. If adding a new allergy, this parameter should be set to 0. When allergyId, nomenId, substanceDisp, conceptId, substanceTypeCd, and substanceTypeDisplay are all empty, the Allergy Profile for the patient will display.

nomenId	The optional nomenclature_id to be associated with a new allergy. This information can be pulled from the NOMENCLATURE_ID of the NOMENCLATURE table
substanceDisp	The substance display name to be associated with a new allergy. This field is normally associated with the SOURCE_STRING field of the NOMENCLATURE table but can also be a user provided string. This field is required when adding a new allergy. When adding a new allergy, the substanceDisp must always be unique for the patient (otherwise modifying an existing allergyId would be more appropriate). The substanceDisp will always be used as the Substance name on the Add Allergy dialog. If nomenId is not set, the user provided string for substanceDisp will be used as the Substance name for the allergy.
conceptId	The optional concept to be associated with a new allergy. This information can be pulled from the CONCEPT_IDENTIFIER field of the NOMENCLATURE table.
substanceTypeCd	The optional code for the type of substance that is to be associated with a new allergy. This field is associated with the CODE_VALUE for Code Set 12020 and works in tandem with the substanceTypeDisplay parameter.
substanceTypeDisplay	The optional display value for the type of substance that is to be associated with a new allergy. This field is associated with the DISPLAY for Code Set 12020 and corresponds to the Category field on the Add Allergy dialog.
viewSeq	The view sequence for the view level preference of the tab that preferences shall be modeled after. For example, if the Allergy conversation should display with the same preferences that an existing Allergy tab at the Chart level displays, the viewSeq for that tab is set here. A value of 0 loads the Allergy conversation with the default preferences.
compSeq	The component sequence for the component level preference of the tab that preferences shall be modeled after. For example, if the Allergy conversation should display with the same preferences that an existing Allergy tab at the Chart level displays, the compSeq for that tab is set here. A value of 0 loads the Allergy conversation with the default preferences.

The following query may be useful in determining the viewSeq and compSeq for a particular tab.

```

select
  vcp.view_seq,
  vcp.comp_seq,
  application = substring(1,30,trim(a.description)),
  frame = vp.frame_type,
  viewname = vcp.view_name,
  tabname = substring(1,20,nvp.pvc_value),
  position = uar_get_code_display(vp.position_cd)
from name_value_prefs nvp,
     view_prefs vp,
     view_comp_prefs vcp,
     application a

```

```

plan vcp where vcp.view_seq > 0 and vcp.view_name = "ALLERGY" and vcp.comp_seq
> 0
and vcp.comp_name = "ALLERGY" and vcp.position_cd > 0 and vcp.active_ind = 1
join vp where vp.view_name = vcp.view_name and vp.view_seq = vcp.view_seq
and vp.position_cd = vcp.position_cd and vp.active_ind = 1
join nvp where nvp.parent_entity_id = vp.view_prefs_id and nvp.pvc_name =
"VIEW_CAPTION"
join a where a.application_number = vp.application_number
order application, frame, viewname, tabname, position

```

Conversation	Parameter	Description
Powerform		
conversation.	personId	The person_id of the patient who loads the Powerform
	encntrlId	The encntrl_id of the patient who loads the Powerform
	formId	The form_id for the Powerform to be viewed or modified. This information can be pulled from the DCP_FORMS_REF_ID field of the DCP_FORMS_REF table. A value of 0 loads the Powerform associated with the activityId instead. If both the formId and activityId are set to 0, the Ad Hoc Charting dialog is displayed.
	activityId	The activity_id for the specific Powerform to be viewed or modified. This information can be pulled from the DCP_FORMS_ACTIVITY_ID field of the DCP_FORMS_ACTIVITY table for the personId and encntrlId. A valid activityId is always used regardless if formId is set. A value of 0 for the activityId loads the form associated with the formId. If both the formId and activityId are set to 0, the Ad Hoc Charting dialog is displayed.
	chartMode	The mode associated with the viewing of the Powerform. A value of 0 is used to view or modify the Powerform. A value of 1 is used to display the Powerform in view-only mode. This parameter does not apply if both the formId and activityId are set to 0.
PowerNote		
PowerNote	personId	The person_id of the patient whose PowerNote is to be displayed.
	encntrlId	The encntrl_id of the patient whose PowerNote is to be displayed.
	cki	A cki value for a new PowerNote that corresponds to an encounter pathway. This can be constructed in the format CKI_SOURCE!CKI_IDENTIFIER from the SCR_PATTERN table where the ENTRY_MODE_CD corresponds to the code value for a PowerNote.

eventId An event_id for an existing PowerNote to load. This corresponds to the EVENT_ID from the CLINICAL_EVENT table. When eventId is non-zero, Discern MPages attempts to load the existing PowerNote; otherwise a new PowerNote will be created corresponding to the cki value.

Orders

personId The person_id of the patient whose Modal Order Entry Window is to be displayed.

encntrlId The encntr_id of the patient whose Modal Order Entry Window is to be displayed.

orderLst The list of order actions and properties that define the data that is to be loaded into the Modal Order Entry Window. These are arranged in sets that must be enclosed by curly brackets ({ and }). Parameters within the sets are pipe-delimited. If you want only to launch into the Modal Order Entry Window and not to add any new orders or perform any other order actions, an empty orderAction / orderProperties set of {ORDER|0|0|0|0} can be used.

orderAction The type of action to be performed on an order.

“ORDER” The prototype for placing a new order.

orderProperties The properties that define how an order is to be handled.

For an “ORDER” type, the API accepts 5 parameters.

synonymId
The synonym_id to be associated with the new order.

orderOrigination
The type of order to be associated with the new order. A value of 0 represents a normal order. A value of 1 represents a Prescription order.

orderSentenceId
The optional order_sentence_id to be associated with the new order.

nomenId
The optional nomenclature_id to be associated with the new order.

signTimeInteractionFlag
A Boolean flag to determine if interaction checking should only be performed at sign-time or not.

customizeFlags A set of flags that can be used to define the style of the Modal Order Entry Window. Use a value of 24 to enable PowerPlans. Otherwise, set this flag to 0.

tabLst	The customization data for the different tab(s) of the Modal Order Entry Window. These are arranged in sets that must be enclosed by the '{' and '}' braces. Parameters within the sets are pipe-delimited.
tab	The tab that is to be modified. Use a value of 2 for customizations to the Order List profile. Use a value of 3 for customizations to the Medication List profile.
tabDisplayFlags	A set of flags that can be used to define the style of the tab being altered by 'tab'. For full PowerOrders functionality, a value of 127 will need to be set.
defaultDisplay	The view to display by default when launching into the Modal Order Entry Window. A value of 8 will default to the order search. A value of 16 will default to the order profile. A value of 32 will default to the orders for signature.

Examples

The following example illustrates the special Allergy MPAGES_EVENT that is evoked when the link is clicked. This functions as a way of launching into a patient's Allergy Profile.

```
<a href='javascript:MPAGES_EVENT("ALLERGY","18668144|5595233|0|0|||0|0|0")'>Display Patient's Allergy Profile</a>
```

The following example illustrates the Allergy MPAGES_EVENT that is evoked when the link is clicked. This is an example for a new allergy substance defaulted into the Allergy control with the Allergy control preferences loaded from an existing Allergies tab. The new allergy will be associated with a nomenclature and concept and default to "Food" for the Category on the Add Allergy dialog.

```
<a href='javascript:MPAGES_EVENT("ALLERGY","18668144|5595233|0|5894|shellfish|d03830|3290|Food|591|1")'>Create new allergy</a>
```

The following example illustrates the special Powerform MPAGES_EVENT that is evoked when the link is clicked. This functions as a way of creating a new Powerform conversation for a patient.

```
<a href='javascript:MPAGES_EVENT("POWERFORM","733757|701346|15721144|0|0")'>Display Powerform for Patient</a>
```

The following example illustrates the PowerNote MPAGES_EVENT that is evoked when the link is clicked. This is an example of a new PowerNote created for an encounter pathway corresponding to hair loss.

```
<a href='javascript:MPAGES_EVENT("POWERNOTE","8316243|12575702|CKII|EPS HAIR LOSS|0")'>Create new PowerNote</a>
```

The following example illustrates the PowerNote MPAGES_EVENT that is evoked when the link is clicked. This is an example of the loading / modifying of an existing PowerNote.

```
<a href='javascript:MPAGES_EVENT("POWERNOTE","8316243|12575702||2516864731")'>Load existing PowerNote</a>
```

The following example illustrates the Order MPAGES_EVENT that is evoked when the link is clicked. This is a simple example of displaying the Modal Order Entry Window without adding any new orders. PowerPlans will not be enabled. The Order list and Medication list profiles will allow for full PowerOrders functionality and default to the order search.

```
<a  
href='javascript:MPAGES_EVENT("ORDERS","8316243|12575702|{ORDER|0|0|0|0|0|0|{2|127}|3|127}|8  
'>Add a new order</a>
```

The following example illustrates the Order MPAGES_EVENT that is evoked when the link is clicked. This is an example of adding two Inpatient orders associated with order_sentence_id and nomenclature_id into the Modal Order Entry Window. Interaction checking is only performed at sign-time for the orderable and PowerPlans are enabled. The order list profile displays with full PowerOrders functionality and the Modal Order Entry Window is defaulted to the order profile.

```
<a  
href='javascript:MPAGES_EVENT("ORDERS","8316243|12575702|{ORDER|672556|0|0|961514|1}|ORD  
ER|666011|0|0|961514|1}|24|{2|127}|16")>Add two new orders</a>
```