EBMeDS Script Messages

Background

The EBMeDS system returns by default its feedback as text strings in a structured format. While the internal technical architecture of EBMeDS is language-independent, these returning messages are in the languages of the end users.

Message Languages

EBMeDS supports multiple languages, and new languages may easily be added. Subgroups of languages (as American English and British English) are also supported. In multilingual countries, the languages can be coupled to the country (e.g. Belgium – French/Dutch, Canada - English/French).

In ESDE, all messages are written in the primary language (English). In addition, fields for one of the local languages is shown in the interface. The local language can be changed from the drop-down menu "Languages" in the top bar of ESDE.

Message Numbers

The logical order of messages is shown by numbering the messages. The numbering can be changed. [javascripts should have the message id!]

Message Levels

Messages are classified on three importance/urgency levels:
1. **Reminders**. The reminder supports decision-making, but ignoring it will not cause danger for the patient, affect the care negatively or raise the costs significantly ("It is recommended to act like this")
2. **Prompts**. Ignoring the reminder may cause some danger for the patient (a slightly negative effect on the health of the patient or delayed care) or not recommended care decisions (causing unnecessary stress for the patient or considerably high costs) ("Give reasons for not acting this way")
3. **Alerts**. Ignoring the alert may cause serious danger for the patient ("Act like this!")

Message Types

Short Text for Health Professionals

The short format of the returning messages usually contains only one sentence. If the user interface of the EHR is crowded, these short messages occupy less space than the long ones. The short messages should be linked to the long messages in some way – for example the long message can be displayed as a tool tip when the cursor is over the short message.

Longer Text for Health Professionals

The long format usually contains a couple of sentences. The long messages can be displayed primarily in the EHR user interface, or as a complement to the short messages. The long messages must contain the same information as the short messages.

Additional Text for Nurses

The additional texts for nurses should be displayed as an appendix to the longer texts for health professionals. These texts should not be displayed separately.

Text for Citizens

The citizen format contains the same information as the messages for health professionals, but expressed in a language understandable by citizens. The texts are usually longer than the long texts for professionals, since more basic facts have to be explained.

Special Message Content

Includes

All other messages than the short ones can contain text included by the corresponding javascript (includes). The include symbol is "@", and it is always followed by a number (referring to the order of the includes in the javascript). A message can contain as manu includes as needed. Common includes are laboratory results, drug trademarks and diagnosis names (as they appear in the EBMeDS query message). [Messages should contain an explanation for the includes in ESDE!]

Links

Messages may contain intra/internet links. These are written using ordinary HTML syntax ("<a href=…").