

uPortal architecture overview

1. Presentation assembly

The following parameters are always passed to the structure stylesheets:

- `userLayoutRoot` – an Id of a `userLayout` node defining a layout subtree that should be rendered. The intent is to provide an ability to “focus” on a particular part of the user layout. For example, default tab-

by a channel should be a fragment of a document constructed in the current markup language⁴.

ChannelRuntimeData contains information about incoming request. Although uPortal does not allow context path of the incoming request URLs to determine the ChannelRuntimeData. does not specify how the channel content should be generated. I)Tj344.04t cTdut st(cm6io

IMultithreadedChannel

In some cases the overhead of a channel instance can be significant. Channels can choose

- `PortalSessionManager`. This is an entry point into the uPortal. It is a J2EE servlet, conforming to the specification version 2.3. It is responsible for identifying and managing incoming HTTP requests and dispatching them to corresponding `UserInstance` objects.

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For optimal performance and maintainability, it is advised that guest users have the following characteristics:

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- (uP_sfattr={attName} & {attName}_folderId={folderId} & {attName}_value={attValue})*

Set value(s) of structure channel attribute(s):

- (uP_scattr={attName} & {attName}_folderId={folderId} & {attName}_value={attValue})*

Set value(s) of theme channel attribute(s):

- (uP_tcattr={attName} & {attName}_channelId={channelSubscribeId} & {attName}_value={attValue})*

Appendix B: published interfaces

- file:/C:/Projects/uPortal/webpages/rss/news.rss (Windows)

An absolute CLASSPATH URI

In this case a path to the resource, relative to one of the CLASSPATH elements is specified. A path must begin with a forward slash. The ResourceLoader will search each CLASSPATH element root for the resource, using the specified path.

Examples: