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Parameter loading

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1. Load sequence
2. Different parameters for different websites and web applications

1. Load sequence

Parameters are loaded in the following order.

1. Web.config <appSettings> section
2. Parameter table in database (*ts_parameter table*).
3. Schema (*parameter elements*).

When a parameter has been loaded then it cannot be overwritten, first occurrence of a parameter wins. Examples on order of precedence:

- Parameters specified in web config wins over parameters specified in parameter table.
- Parameters specified in parameter table wins over parameters specified in schema.
- Parameters located in top of web.config overrules parameters found later in web.config.
- Parameters located in top of schema overrules parameters found later in schema.

2. Different parameters for different websites and web applications

Highstage supports that different websites and sub-applications runs the same or different code, database, web.config, parameters and schema.

In many situations a company will run the same code, database, web.config but slightly different parameters or schemas.

Different parameters (also SchemaFile parameter) for different web-sites and/or web-applications can be specified in web.config.

Consider the following IIS configuration:

- highstage_internal (website)
 - ts (*sub-application*)
 - ts_sales (*sub-application*)
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highstage_external (*website*)

- - ts (*sub-application*)
 - ts_sales (*sub-application*)
 - ts_public (*sub-application*)

Differentiation in parameters can be done in web.config. In the sample further down a **prefix** specifies a web-site, sub-application or a combination.

For setting a parameter on highstage_internal web-site and all highstage_internal sub-applications use the prefix **highstage_internal**.

For setting a parameter on all sub-applications in all web-sites use no prefix and make sure the parameter is placed in top of web.config.

For setting a parameter on all ts_sales sub-applications in all web-sites, use the prefix **ts_sales**.

For setting a parameter on ts_sales sub-application in highstage_external web-site, use the prefix **highstage_external/ts_sales**.

Sample:

```
<appSettings>
  <add key="highstage_internal:SchemaFile" value="highstage_internal.schema.xml" />

  <add key="highstage_external:SchemaFile" value="highstage_external.schema.xml" />

  <add key="highstage_public:webRootClient" value="
https://highstage.company.com/ts_public" />
  <add key="highstage_public:SchemaFile" value="highstage_public.schema.xml" />

  <add key="ts_sales:SchemaFile" value="ts_sales.schema.xml" />
  <add key="highstage_external/ts_sales:FlashMessage" value="This is
highstage_external/ts_sales" />

  <!-- FALLBACK VALUES (WITHOUT PREFIX) -->
  <add key="webRootClient" value=" https://highstage.company.com/ts/" />
  <add key="StorageURL" value="https://highstage.company.com/files/" />
</appSettings>
```



Highstage