

## **DxStart Specification for use with Romexis**

DxStart is a bridge between Planmeca Romexis and practice management applications.

There is also a Windows DLL bridging interface, PmBridge, available for Romexis. PmBridge is programming language independent, so it is possible to call the PmBridge API functions from C++, Visual Basic, Delphi etc.

However, some integrators have complained that PmBridge is a bit tedious to use. Therefore a higher level bridge, DxStart, has been developed by Planmeca. DxStart encapsulates the complexities of PmBridge.

### Windows

DxStart searches the Romexis path from the Windows registry, goes to Romexis pmbridge directory, loads the PmBridge.DLL, registers the functions, starts Romexis and selects a patient and activates the Romexis main view. If the patient does not exist in the Romexis database, DxStart inserts the patient.

DxStart.exe can be located into any directory in the system. Most convenient way is to put it into the practice management application's directory.

### MacOS

On MacOS the behaviour is about the same than on Windows OS. DxStart can be located in any directory of the system but most convenient way is to put it into the practice management applications directory.

### **Usage**

To add Romexis interface into your application, only thing you have to do is to add button XRAY under which the following command:

### Windows

```
DxStart.exe "PatientID" "FamilyName" "FirstName" "BirthDate" <"Doctor">
```

### MacOS

```
DxStart "PatientID" "FamilyName" "FirstName" "BirthDate" <"Doctor">
```

All the fields must be in quotation marks (") because in principle any of them may include blanks.

If Romexis is already running, DxStart does not start another Romexis instance, but the requested patient will be selected in Romexis (unless Romexis has a modal dialog open).

### **Modifications for DxStart**

- a new optional field "Doctor" added

- if the patient that was passed in the DxStart command line exists in the Romexis database, the patient information in the database will be updated if any of the passed fields differs from the values in the database