

FIP-BM30A

WIFIP



Y. Sallaz-Damaz
MXCuBE Meeting - January 2017

FIP-BM30A : WUI

WIFIP

Web-based user Interface for FIP

FIP-BM30A : WUI

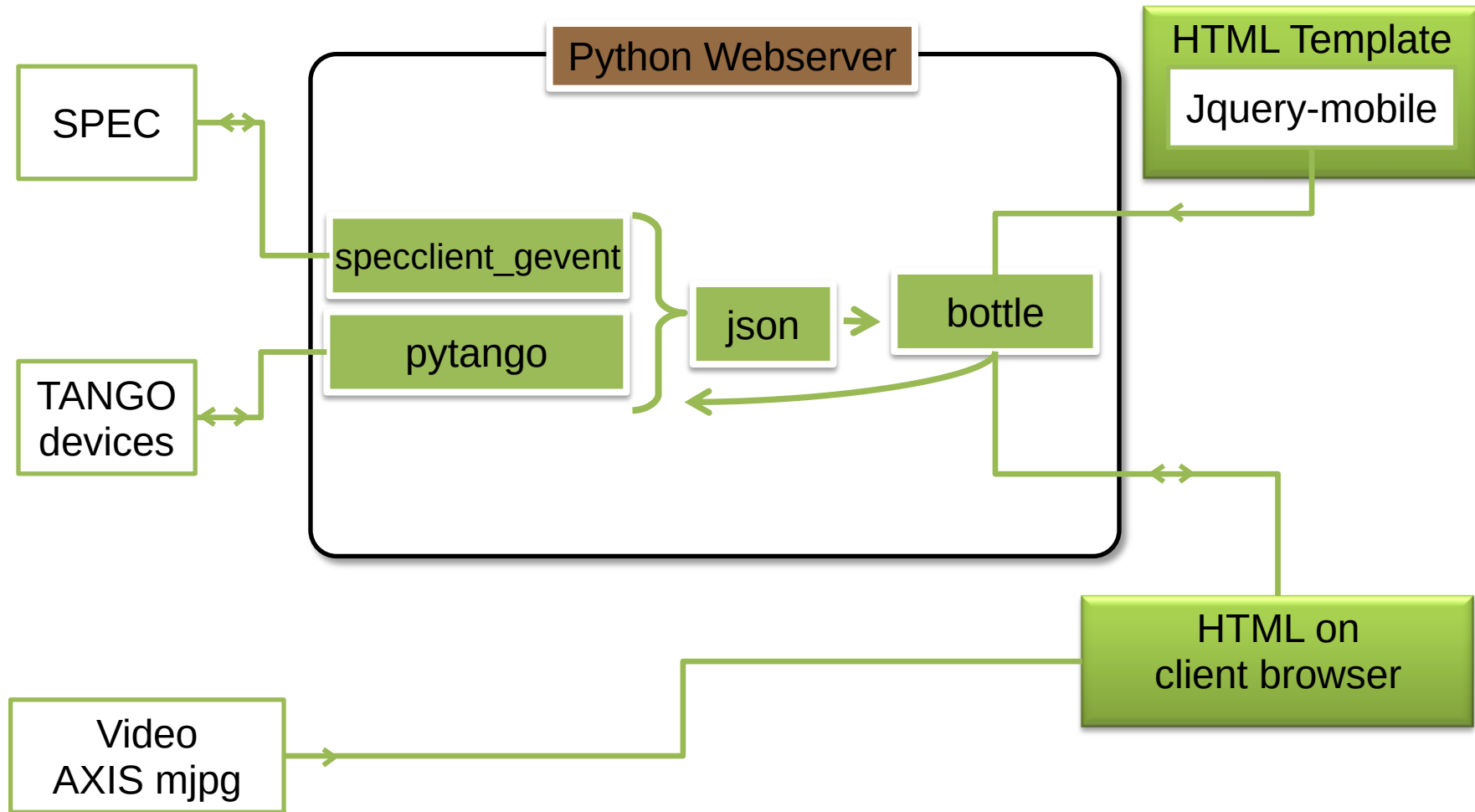
WIFIP

Web-based user Interface for FIP

- Use the beamline **easily** from a browser from **anywhere**
- Allow local contact to help the user remotely

WIFIP is in function since September 2015

FIP-BM30A : principle



FIP-BM30A : Sample changer

BM30A - WIFIP
BM30A - WIFIP - Mozilla Firefox

d30server:9000
Search

Show/hide Scale
Zoom 6X
Focus

MD2 - Sampl...
Plate - In situ
Energy
Collection

A

B

C

Currently mounted : **None**

Matrix Code : **n/a**

Angle : 39.8° -

Spec Status

```
97.FIPCONTROL> print $USER
print $USER
^
Syntax error on "$".
```

Robot G-Rob

Waiting

EH Camera

Lights (%)

Front

Back OUT

Accessories

	Current State	Action		Current State	Action
Beam stop 1	IN	↓	Cryo short	IN	↓
Beam stop 2	OUT	↑	Cryo long	OUT	↑
Diode	OUT	↑	Hori. slits (µm)	300	<input type="text" value="300"/>
MCA	OUT	↑	Vert. slits (µm)	300	<input type="text" value="300"/>

Local contact tool : **Oxford is too hot : your frozen cristal can be in danger**

FIP-BM30A : Plate changer

BM30A - WIFIP - Mozilla Firefox

BM30A - WIFIP

d30server:9000

Show/hide Scale

Zoom 6X

Focus

MD2 - Sampl... Plate - In situ Energy Collection

Type Greiner 'CrystalQuick X' (96x2)

Mount Dismount Move to well

Crystal list : + - Move to Send

Angle : 39.8° -35 -30 -15 0 15 30 35 - ok

Spec Status Robot G-Rob

97.FIPCONTROL> print \$USER
print \$USER
^
Syntax error on "\$".

Waiting
Home Stop

EH Camera

Lights (%)

Front
Back OUT

Accessories

	Current State	Action		Current State	Action
Beam stop 1	IN	↓	Cryo short	IN	↓
Beam stop 2	OUT	↑	Cryo long	OUT	↑
Diode	OUT	↑	Hori. slits (μm)	300	300
MCA	OUT	↑	Vert. slits (μm)	300	300

Local contact tool : **Locked** Oxford is too hot : your frozen cristal can be in danger

FIP-BM30A : Feedback

After 16 month what is the user feedback ?



Multi users simultaneously
(student at the beamline, the researcher away)

Using every where

Session persistency

Easy to use remotely

UI easy to learn

Camera feedback



It's not MxCuBe

No IcepyB connection

No MCA in the first version