

## OP25 - Bug #2170

### Implement forward error-correction code, remove IT++ dependency

04/22/2017 04:04 PM - matt

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> High	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	
<b>Target version:</b>	
<b>Resolution:</b>	<b>Spec Reference:</b>
<b>Description</b>	
There are four forward error-correction codes needed: BCH, extended Golay, Hamming and Reed/Solomon and some of these are used in shortened form as well.	
The dependency on IT++ is unsatisfactory as we depend on a small part and this requires additional bit_vector to bvec swabbing. Incorporating these codes into the decoder means we remove that dependency on IT++.	

#### History

#1 - 04/22/2017 04:14 PM - zecke

- Project changed from OP25j to OP25