

## Wt - Improvements #9107

### New overloaded C'tor for Wt::Auth::PasswordVerifier

09/25/2021 07:00 PM - Rathnadar K V

<b>Status:</b>	New	<b>Start date:</b>	09/25/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.50 hour
<b>Target version:</b>			
<b>Description</b>			
Namaskara,			
Currently in Wt::Auth, to create a PasswordVerifier, we have a C'tor and after creating the object we add the hash function using : addHashFunction method. as follows:			
<pre>auto verifier = std::make_unique&lt;Wt::Auth::PasswordVerifier&gt;(); verifier-&gt;addHashFunction(std::make_unique&lt;Wt::Auth::BCryptHashFunction(7)&gt;());</pre>			
It would advantageous (and more secure) if we overload the PasswordVerifier so that we can embed the hash function at the time of object creation as thus...			
<pre>auto verifier = std::make_unique&lt;Wt::Auth::PasswordVerifier&gt;(std::make_unique&lt;Wt::Auth::BCryptHashFunction(7)&gt;());</pre>			
Regards Rathnadar K V			

#### History

##### #1 - 09/27/2021 06:23 PM - Rathnadar K V

Better still have BCRYPT as enum...so that my API would be

```
auto verifier = std::make_unique<Wt::Auth::PasswordVerifier>(BCryptHashFunction,7);
```

that is much simpler and elegant.

Regards  
Rathnadar KV