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[WIMNN-99] Adapt source to new image Created: 25/Nov/19 Updated: 10/Dec/19 Resolved: 10/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Bacik Zdenko	**Assignee:**	Unassigned
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-110	Adapt	Sub-task	Closed	Snincak Marek

Business Priority:	Should have
Story Points:	3
Sprint:	WIMNN Sprint 5

Description

I would like to merge changes from original WIM repo (image version 2.6) to student project repo (image version 2.5) - changes that are related to be possible to use SDK

Acceptance criteria:
Keep current changes (extend of VDR) and be able to run them with version 2.6.

Adapt source to new image (WIMNN-99)

[WIMNN-110] Adapt Created: 03/Dec/19 Updated: 09/Dec/19 Resolved: 09/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Snincak Marek
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Description

Snincak Marek
1. Pristup do wim-sw granged
2. Build with new sdk: see end of the document

[WIMNN-105] Build Yocto locally Created: 03/Dec/19 Updated: 10/Dec/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-111	Build Yocto	Sub-task	To Do	Lazovy Stefan

Business Priority:	Should have
Story Points:	8
Sprint:	WIMNN Sprint 5

Description

I want to be able to run Yocto on local machine.

AC: installed Yocto on local machine

Comments

Comment by Lazovy Stefan [10/Dec/19]

```
git clone git@git.kistler.com:WIM/wim-build.git
cd wim-build/
git checkout <desiredBranch>
git pull
cd build-scripts/
./setup-yocto.sh
source source-yocto.sh
MACHINE=wim-dl bitbake wim-test
```

Build Yocto locally (WIMNN-105)

[WIMNN-111] Build Yocto Created: 03/Dec/19 Updated: 10/Dec/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Lazovy Stefan
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Comments

Comment by Snincak Marek [10/Dec/19]

Installed yocto 3.0 on VM running Ubuntu 18.04 and tested with sample minimal build using this guides:

https://www.yoctoproject.org/docs/3.0/brief-yoctoprojectqs/brief-yoctoprojectqs.html

https://www.youtube.com/watch?v=EfKLrSxA_H8&t=963s

Official docs list Ubuntu 19.04 as supported as well so installation shouldn't be problem there.

Comment by Lazovy Stefan [10/Dec/19]

Wrong yocto build

[WIMNN-106] Adjust NN prototype to achieve better accuracy Created: 03/Dec/19 Updated: 10/Dec/19 Resolved: 10/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Unassigned
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:	Key	Summary	Type	Status	Assignee
	WIMNN-112	Improve NN accuracy	Sub-task	Closed	Chreno Martin

Business Priority:	Should have
Story Points:	5
Sprint:	WIMNN Sprint 5

Description

Find a way to improve accuracy of current NN prototype.

AC: prototype with improved accuracy in comparison to current version

Adjust NN prototype to achieve better accuracy (WIMNN-106)

[WIMNN-112] Improve NN accuracy Created: 03/Dec/19 Updated: 09/Dec/19 Resolved: 09/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Chreno Martin
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

[WIMNN-107] Filter dataset Created: 03/Dec/19 Updated: 10/Dec/19 Resolved: 10/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Unassigned
Resolution:	Done	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-113	Remove faulty values	Sub-task	Closed	Benova Lenka

Business Priority:	Should have
Story Points:	3
Sprint:	WIMNN Sprint 5

Description

Identify values that may cause problems and remove them from dataset.

AC: dataset without faulty values

Filter dataset (WIMNN-107)

[WIMNN-113] Remove faulty values Created: 03/Dec/19 Updated: 09/Dec/19 Resolved: 09/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Benova Lenka
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

[WIMNN-108] Documentation submission Created: 03/Dec/19 Updated: 03/Dec/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-114	Update current documents	Sub-task	In Review	Scipa Christian
WIMNN-115	Create NDA version of documentation	Sub-task	In Progress	Scipa Christian
WIMNN-117	Add NN prototype to documentation	Sub-task	Closed	Chreno Martin
WIMNN-118	Add VDR parser to documentation	Sub-task	Closed	Benova Lenka

Business Priority:	Should have
Story Points:	3
Sprint:	WIMNN Sprint 5

Description

We need to adjust documentation to reflect new project changes. Refer to http://www2.fiit.stuba.sk/~bielik/courses/tp-slov/tp-main.html#odovzd-zs

Documentation submission (WIMNN-108)

[WIMNN-114] Update current documents Created: 03/Dec/19 Updated: 12/Dec/19

Status:	In Review
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Scipa Christian
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Attachments:	tp2019-20_milnik2_tim08.docx tp2019-20_milnik2_tim08.pdf

Comments

Comment by Scipa Christian [12/Dec/19]

Tonhauzer Martin

Documentation submission (WIMNN-108)

[WIMNN-115] Create NDA version of documentation Created: 03/Dec/19 Updated: 12/Dec/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Scipa Christian
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Documentation submission (WIMNN-108)

[WIMNN-117] Add NN prototype to documentation Created: 10/Dec/19 Updated: 12/Dec/19 Resolved: 12/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Chreno Martin
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Description

AC: added part describing NN

Documentation submission (WIMNN-108)

[WIMNN-118] Add VDR parser to documentation Created: 10/Dec/19 Updated: 12/Dec/19 Resolved: 12/Dec/19

Status:	Closed
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Benova Lenka
Resolution:	Done	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Description

AC: added part describing VDR parser in documentation

[WIMNN-109] Prepare enviroment for UI development Created: 03/Dec/19 Updated: 08/Dec/19

Status:	To Do
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Story	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Σ Remaining Estimate:	Not Specified	**Remaining Estimate:**	Not Specified
Σ Time Spent:	Not Specified	**Time Spent:**	Not Specified
Σ Original Estimate:	Not Specified	**Original Estimate:**	Not Specified

Sub-Tasks:

Key	Summary	Type	Status	Assignee
WIMNN-116	Prepare enviroment	Sub-task	In Progress	Snincak Marek

Business Priority:	Should have
Story Points:	3
Sprint:	WIMNN Sprint 5

Description

I want to be able to work on frontend tasks.

AC: frontend repo where I am able to make changes

Prepare enviroment for UI development (WIMNN-109)

[WIMNN-116] Prepare enviroment Created: 03/Dec/19 Updated: 12/Dec/19

Status:	In Progress
Project:	WIM Neural Network
Component/s:	None
Fix Version/s:	None

Type:	Sub-task	**Priority:**	Major
Reporter:	Snincak Marek	**Assignee:**	Snincak Marek
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Description

Valastin Viktor Repo:

Comments

Comment by Valastin Viktor [09/Dec/19]

Comment by Snincak Marek [12/Dec/19]

Updated package.json for our device and new node + added installation guide to readme. Currently there is bug with tests (Test cases don't even run, as something is triggering transpilation on node_modules), but it is almost certainly in original repo as well.