| 1 | | |
|-----|----|---|
| 1 | | Web tech |
| | | DATE |
| - | | Android |
| - | | -> ATDL Candroid histophace Dald des |
| - | | -> AIDL (android interface Definition language). -) Android Architecture - (C.T.2) |
| - | | -) Android manifest xme file. |
| - | | -) core building blocks of and soid |
| - | | -> Squite (opensoure relational olb) |
| - | | methods of media player. |
| - | | -) Doeloik Violeal machine. |
| 4 | | -) implicit intent is explicit thent (deff) - |
| | | -) Android debug bridge. |
| | | - In the state of |
| ud | * | Methods of media player: |
| | | |
| | | i) Start() - used to Start audio and video. |
| | | (i) Stop () - used to Stop audio and video. |
| 00 | | (ii) reset() - used to reset the media player object. |
| _ | | iv) Pause() - used to pause the playing content, |
| _ | - | v) rause() - used to paine the playing content is playing or nort |
| _ | | and the adviser made in Halume |
| _ | 1 | vii) Set volume () - when to day ust media of audio. |
| | | vili) seektor) - move song to particular position. |
| / | | vere) services |
| / | 1 | |
| 1 | y) | |
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| | Dalvik Virtual Machine. |
| | Time s labe Dontormand and provides per menty many |
| | had it sound to optimized for |
| | - Dalvik is a name af a town on Iceland. Dalvik un |
| | is written by San. |
| | |
| | - Dum à an android virtual Machine aptimized for |
| | mobile device. It optimizes the virtual Machine for |
| | memory, battery l'te l performance. |
| | THE COURT HAVE AS A MARKET THE PARTY OF THE |
| | - Des compiler converts the days file into the |
| | oder fre that sen on dalvik vy. |
| | - mustiple class file are converted into ane des |
| | |
| | - Candroid Assets packaging tool (aapt) handles the packaging process |
| 2464 | odep file) |
| | le java fice |
| | (Source Hile) |
| | Dex compiler |
| | Java Compiler 7 oupk file |
| | Javac |
| | · classfice |
| | Today Maria |
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| | Android Architecture |
| | Control of the second s |
| | five parts |
| | i) Unup Kernel |
| | (i) native libraries. |
| | cièl Android randiame |
| | (i) Application frome work |
| | V) Applications |
| | The state of the s |
| | Applications. hame contacts |
| | a supregularity heart of the |
| | Application frome work |
| T | Activity, window, Resource, Location, view manger |
| | the same of the part of the same of the sa |
| | Mostive library Android runtime |
| | ISSU media Salite Polvik VM) |
| | [OpenID] |
| | |
| | Linux Kernal device driver |
| | Pawer margent |
| - | * |
| 1 | The state of the s |
| 7 | Unex Kernel: neart of androld architecture exist |
| + | at soot of android architecture. |
| + | - responsible for device driver power management |
| + | menory management. |
| 1 | |
| 1 | Mative abrary |
| 1 | at contains mentions library Such as set |
| 1 | Webket, media, squite, |
| 1 | -> responsible for database, browser support |
| | classmate media for playing, roarding, PAGE |
| | |

| | DATE DATE |
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| | -Android rantime- |
| | -> pum (dalvik virtual machine) |
| | I responsible to run cenelsoid apps. |
| | -> Dum à like Jum but optimized for mobile. |
| | -> consume les memory and fast performance. |
| | The state of the s |
| | -) Anabooid frame Work. |
| | 7 97 includes API such as user interpace, |
| | telephony, resources, package manage. |
| | -> provides by of classes and parks interface |
| | for android development. |
| | |
| | -) Application |
| | - All application such as home, Setting contact, games |
| | contact, games |
| | |
| (X | Core building blocks |
| | |
| | c) Activity - Activity is a class that represent |
| | E) Activity - Activity à a Clars quat represent Single Screen |
| | |
| A. A. | ii) view - 9+ is UI such as button, lebel, text field. |
| | till Turant and a last till |
| Sec. | tic) Intent - used to invoke components. - stort a service |
| | - Launch an activity |
| | - désplay a web page |
| | - Broad cast a musage |
| 10/14 | |
| | |
| 3 | classmate PAGE TI |
| | |

| - | DATE DATE |
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| 1 | Eu) sorvice: 9t à a bockgraund process quat para longtime. |
| 1 | The second secon |
| 1 | V) content provider = used to share data b/w apps. |
| 1 | ui) Android virtual device is used to test the android app with the need of tablet or mobile. |
| | app with the need of tablet or mobile. |
| | vii) Android manifest.xml |
| | - Whe web. xml file |
| | - contains into like activity, content provides. |
| X | Android Explicit Intent Vs Implicit Intent Start activity (); explicit Intent |
| | Start activity (); |
| - | |
| | - at specify the component to be invoked from activity. |
| | - we call other activity in android by Explicit Intent. |
| | - we call other activity in android by Explicit Intent. - we pass into from one activity to another activity. |
| | Landard of Burning Torong 25 har bit to the |
| 1 | Implicit Intent |
| - | - at account specify the testent component, Intent |
| 1 | provides unto of avoidable component productor by |
| 1 | System that is to be invoked. |
| | |
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| A STATE OF THE PARTY OF THE PAR | |

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| X | Android Manifest. Xml |
| | |
| | the Android Manifest xml à a xml file that contains |
| | and the same of same pockage. |
| | - It also includes components of application such as |
| | gorney iservices, bisoda cog + receiver |
| | the same and the same and willing gon |
| - | Other teisks. |
| 1 | - responsible forto protect the application |
| | - declares the android apt |
| 1 | - list of instrumentation classes. |
| 1 | |
| 1 | 9t req to save Amt file inside the root directory. |
| 7 | Audasid dalam bailes |
| 1 | Android debug bridge |
| - | ADB es a command live tool |
| | Detween an Android device and backlege connection |
| | process. 3 Components: |
| |) Offirst up need to connect computer to & Android |
| 1 | device (client). |
| | -) @ darmon - 9+ 3 a Service le running on |
| - | both side. Catter at will accept and Exocute |
| | Command |
| - | (111) Scover - at is a software that communicate with |
| 1 | daemon and client. |
| | |
| | |
| | |

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| | Android definition Interface defenition language. |
| | - et és similar to other quellace dépinition language. |
| | - et es similar to other querface definition language. - et allow assets to define the programming interface that both the client and service agree upon in order to |
| | both the client and service agree upon in order to |
| | Communicate with each other |
| | - ADL is necessary only if allow cleents from |
| | - ADL is neccessary only if allow clients from diff app to occess yo Sorvices for IPC |
| | - 94 trandle multithreading in Services. |
| | Steps to implement AIDL |
| | - create ald file |
| | - implement interface. |
| | - Expose interface to dient. |
| | |
| | |
| | |